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ABSTRACT

Since the burden of improving quality of life is often squarely placed on the shoulders of public decision makers, this report (one of the products of Project 2142) provides a basis for assisting county-level decision makers in the planning process. Statistics that "indicate" the social well being or quality of life experienced by people in Carroll County, Iowa, in the areas of employment, income, health, education, housing, leisure and recreation, public safety, and physical environment are presented and organized according to the availability and allocation of financial resources, the structure of services, the utilization of available services, and the level of well being. Statistics in the following three areas, usually beyond the control of decision makers, form a resource base. Human resources include the composition, distribution and change of population and living arrangements and family structure. Geographical/physical resources include natural resources, climate conditions, and organization of the land. Economic resources include government, transportation and communication, agriculture, and commerce and industry. Derived from reports published by a variety of governmental and private agencies, most data cover at least two points in time and two geographical units so the reader can analyze social change. All data are presented in one of three alternative table designs, depending on the type of variable under consideration. (NEC)

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A SOCIAL REPORT
FOR
CARROLL COUNTY
SOCIAL INDICATORS FOR RURAL DEVELOPMENT

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PREFACE

This social report is part of a research effort undertaken at Iowa State University in association with the Cooperative Extension Service (USDA and ISU). The research was conducted as part of the Title V program of the Rural Development Act of 1972.

A social report provides basic information concerning the quality of life experienced by people. The variety of statistics found in this report were included because they "indicate" something important about the quality of life in Carroll County. Thus, these statistics are labeled "social indicators" because they measure important social concerns associated with quality of life such as health, education, employment, income, leisure, public safety, environment, and housing in Carroll County. The data for most of these indicators are presented for several points in time so that changes that have occurred can be discovered.

This social report resulted from interaction among researchers and decision makers. However, the indicators found in the report should not be interpreted as being "the" indicators that will be used forever. Constant interaction between researchers and decision makers is necessary to provide the best indicators possible. Social reporting should be an evolving process between decision makers and researchers. This is one of the major reasons why the report is being distributed to many potential users during a workshop session. During the course of the workshop, decision makers will learn how the report was prepared, and why specific indicators were selected for inclusion in the report. They will also see how the data in the report can be used for planning, particularly during the needs-assessment stages of the planning process.

The need for social reports has been expressed on the part of many federal and state officials because massive amounts of information are being collected by innumerable government agencies, but much of this information is rarely organized in a usable form applicable to the planning process. This report is an attempt to organize policy-relevant information for Carroll County. While many social reports have been published at the federal, state, and metropolitan levels, very few county-level social reports have been constructed. This report was developed in order to provide policy-relevant information at the county level.

The plan of this report is as follows. In Chapter 1, the construction and organization of this report is discussed. Chapters 2 through 12 contain the social indicators of the quality of life in Carroll County. Each of these chapters will focus on a different area of social concern.

CHAPTER 1:

INTRODUCTION

THE PUBLIC CONCERN ABOUT QUALITY OF LIFE

Quality of life is a contemporary topic. The findings of countless opinion polls strongly suggest that the average American is vitally concerned about such public issues as environmental conditions, energy conservation and development, and population growth. Moreover, Americans in the 1970's have been faced with inflation, high rates of unemployment, and sky-rocketing health care delivery and housing costs. Many people have started to ask whether we can achieve and maintain a high quality of life. A number of Americans believe that our quality of life has declined because of a decrease in the production and consumption of some of the "good things" of American life. It is apparent that America no longer possesses unlimited resources. Consequently, most of us understand that to secure a high quality of life, "trade offs" are necessary, but difficult, in the very complex situation of modern America. For example, the national thrust for energy conservation and independence often clashes with a personal desire for lower transportation costs.

The burden of improving the quality of life is often squarely placed on the shoulders of public decision makers. These decision makers are faced with the responsibility of developing, implementing, and evaluating the social plans and programs needed to insure well-being for all people.

While much attention is focused on the social problems confronting the nation as a whole, a variety of critical problems face people at the local level. For example, how may scarce resources be best allocated to improve health care delivery and housing conditions in the local community? State and federal decision makers often cannot help alleviate many of these problems as directly, or as well, as local-level decision makers. Local-level decision makers, being closest to these problems, have the potential to effectively act upon pressing social problems.

The purpose of this report is to provide a basis for assisting local-level decision makers, particularly at the county level in the planning process. In the remainder of this chapter, we shall explain more about the research, the content of the report, and how this report can be used by Carroll County decision makers.

WHAT THIS REPORT IS ABOUT: EFFECTIVE PLANNING AND SOCIAL INDICATORS

A major concern shared by decision makers at all levels is the ability to isolate the key problems facing the people to whom they are responsible. One of the many ways decision makers can obtain an understanding of what some of these key problems are is to analyze their jurisdictional area. One form of information is statistics that "indicate" the social well-being or quality of life experienced by people in the area.

page 1 blank.

For many years, economists have measured economic conditions through a set of economic indicators. However, the concern for improving our quality of life goes beyond what simply economic indicators can tell us. In addition to economic indicators, decision makers need social indicators of broader social conditions such as health, education, leisure, public safety, environment, and housing. Thus, the information provided by a set of economic indicators alone is not enough to assess the quality of life experienced by people. This belief is found in the goal of "balanced rural development." Balanced rural development refers to the notion that the quality of life experienced by people concerns more than is reflected by economic indicators of income and employment. Thus, a set of social indicators provides information beyond what is provided by economic indicators and hopefully, may be useful in improving the broad social conditions mentioned above.

During the past decade, researchers have been working on identifying a set of indicators that measure these broader aspects of quality of life. These social indicators are statistics that measure the noneconomic, as well as the economic, features associated with the quality of life experienced by people. Social indicators, therefore, measure well-being in a variety of generally recognized public concern areas. These concerns might include how healthy people are, how well-housed people are, and how safe people are from criminal activity.

Social indicator data have been used by decision makers at the national level as a basis for obtaining a keener awareness and understanding about how well-off people are and, in addition, how our quality of life has changed over a period of time. Data of this type have become a valuable asset in the social policy-planning process, especially when decision makers are trying to assess what major needs people have.

Whereas a great deal of attention has been devoted to developing social indicators at the national level, very little effort has been directed toward developing social indicators at the local level. Yet social indicators can help solve the problem of a lack of information experienced by many local-level decision makers due to the lack of access to data sources. Furthermore, social indicators can be a valuable tool in the process of effective planning since these data can provide the basis for an accurate and objective view of social conditions.

What types of indicators were selected for this social report on Carroll County? We shall address this question in the next section.

APPROACHES TO MEASURING WELL-BEING

Researchers, attempting to assist decision makers by providing data, must provide the type of data that is relevant to the policy-planning process. In order to come to an understanding about what policy-related indicators should be developed for

Carroll County, the research staff began by asking an important question: What are the major social policy areas in which decisions are made that affect well-being? We have referred to some of these policy areas in the previous section.

Eight policy-related areas of well-being

There are a number of policy areas that affect well-being. However, there is a fairly high degree of agreement that eight areas are of particular significance in American society. These areas are:

Health	Income
Education	Employment
Public Safety	Environment
Housing	Leisure and Recreation

Therefore, in attempting to enhance our quality of life through balanced rural development, important questions about these various areas of social well-being must be answered. For example:

1. Health: How healthy are our people?
2. Public Safety: How safe are our people?
3. Education: How well-educated are our people?
4. Employment: How many people are employed, unemployed, or underemployed?
5. Income: How able are our people to obtain a sufficient living income?
6. Housing: How adequate is our housing?
7. Leisure: Do our people have adequate resources for leisure activities?
8. Environment: How clean and safe is our air, streams, lakes, and rivers?

Types of indicators measuring key factors in the well-being areas

It is reasonable to assume that the next important step would be to identify a key set of social indicators for these eight well-being areas. But from a planning perspective, what types of information about each of these areas are needed? First, it is important to accurately measure the level or "status" of well-being. This will give decision makers information about current social conditions, such as how many people are unemployed, how many people are dying from cancer, and how many people are living in substandard housing.

A second very important question from a policy viewpoint is: What factors contribute to the level of well-being experienced by people? As we mentioned before, decision makers in a position to positively affect well-being have varying degrees of control over some of the key factors that contribute to our quality of life. What are some of these key factors? Three basic factors are: financial resources, services, and the efficient utilization of services. It should be noted these factors are closely related.

The most important factor of these three factors is services. Through the implementation of services, via social programs, decision makers can help people meet some of their basic needs, such as health care. We usually think of services as coming in two forms: (1) the personnel who provide services (e.g., physicians) and (2) the facilities in which these services are offered (e.g., hospitals).

Yet it is impossible to implement new services, or maintain existing services without financial resources (e.g., money). Decision makers must have a sufficient amount of money at their disposal in order to provide the critical services which people require to satisfy their needs. Unfortunately, money is a scare resource. Therefore, the dollars available to decision makers must be judiciously and rationally allocated in order to provide services that help meet priority needs.

Furthermore, no matter how many financial resources are used to provide services, people must utilize services if these services are to positively affect well-being. One of the major problems facing decision makers in this regard is to insure that available services are efficiently utilized. This not only means utilization rates need to be carefully monitored, but also that services should be easily accessible to people in terms of both cost of the service and distance from the service. In addition, decision makers should know whether the people who need services the most (e.g., the economically disadvantaged) are actually using the available services.

Figure 1 provides a summary of our discussion. The three policy-relevant factors we considered as contributing to the level of well-being--financial resources, services, and the utilization of services--are illustrated. The evaluation of the level of well-being may help decision makers decide how available dollars can best be allocated. Thus, Figure 1 on page 6 depicts a decision-making framework that may be useful in the policy process. In summary, this decision-making framework contains the four basic factors of (1) financial resources, (2) services, (3) utilization of services, and (4) level of well-being.

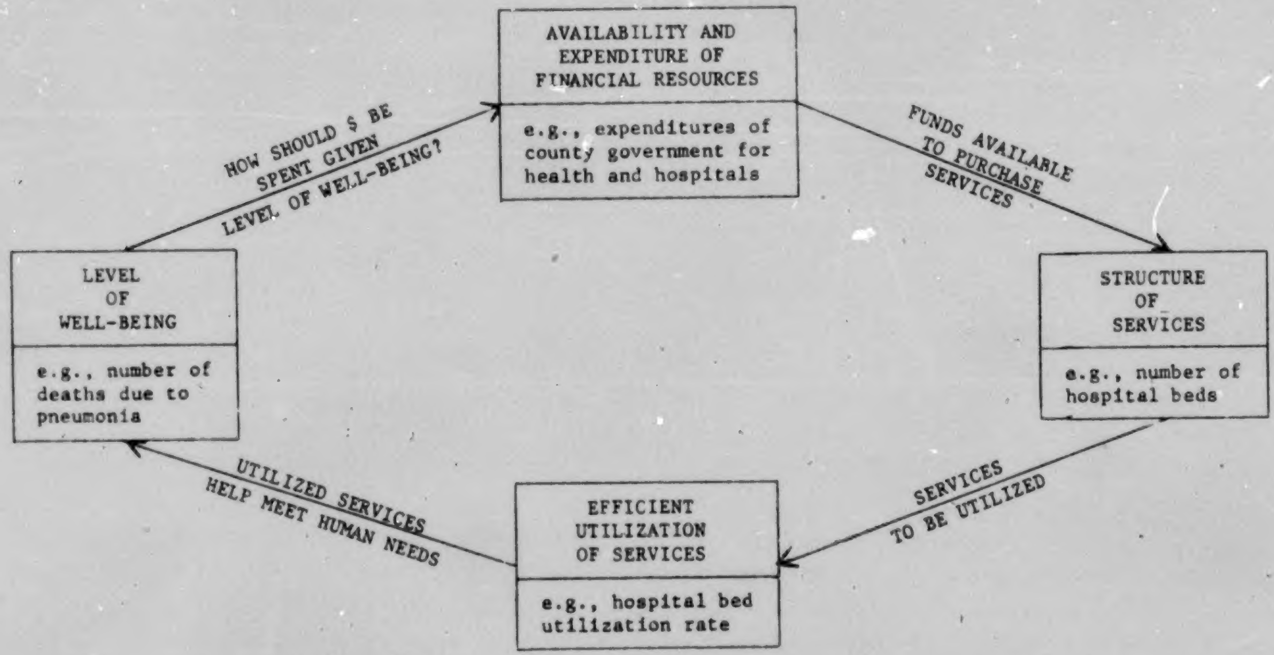
As mentioned, the research staff believes that social indicators for the eight well-being areas identified in the last section should be made available to decision makers. The four policy-related factors discussed in this section represent the types of indicators that should be made available in each of these areas. An example of an indicator measuring each factor for the health area is presented in Figure 1.

Factors affecting well-being usually beyond the control of decision makers: the resource base

The three factors (financial resources, services, and utilization of services) considered in the previous section that contribute to the fourth factor (level of well-being) are, in varying degrees, under the decision maker's control. For example, a decision maker may decide to initiate, maintain, or terminate certain services.

Figure 1. Policy-related factors contributing to the level of well-being

Areas of well-being: Health,* Education, Public Safety, Housing, Employment, Income, Physical Environment, and Leisure and Recreation


AVAILABILITY AND EXPENDITURE OF FINANCIAL RESOURCES
e.g., expenditures of county government for health and hospitals
FUNDS AVAILABLE TO PURCHASE SERVICES
STRUCTURE OF SERVICES
e.g., number of hospital beds
SERVICES TO BE UTILIZED
EFFICIENT UTILIZATION OF SERVICES
e.g., hospital bed utilization rate
UTILIZED SERVICES HELP MEET HUMAN NEEDS
LEVEL OF WELL-BEING
e.g., number of deaths due to pneumonia
HOW SHOULD $ BE SPENT GIVEN LEVEL OF WELL-BEING?

---

* The health area is used as the basis for the different examples presented in each box.

On the other hand, there are some factors thought to affect the level of well-being that are beyond the decision maker's control. These factors may be considered basic socioeconomic and geographical variables that fundamentally characterize a political unit, such as a county. We view these as constituting a resource base. There are essentially three broad types of resources, as depicted in Figure 2 on page 8, that can be included in the resource base: human resources, geographical/physical resources, and economic resources.

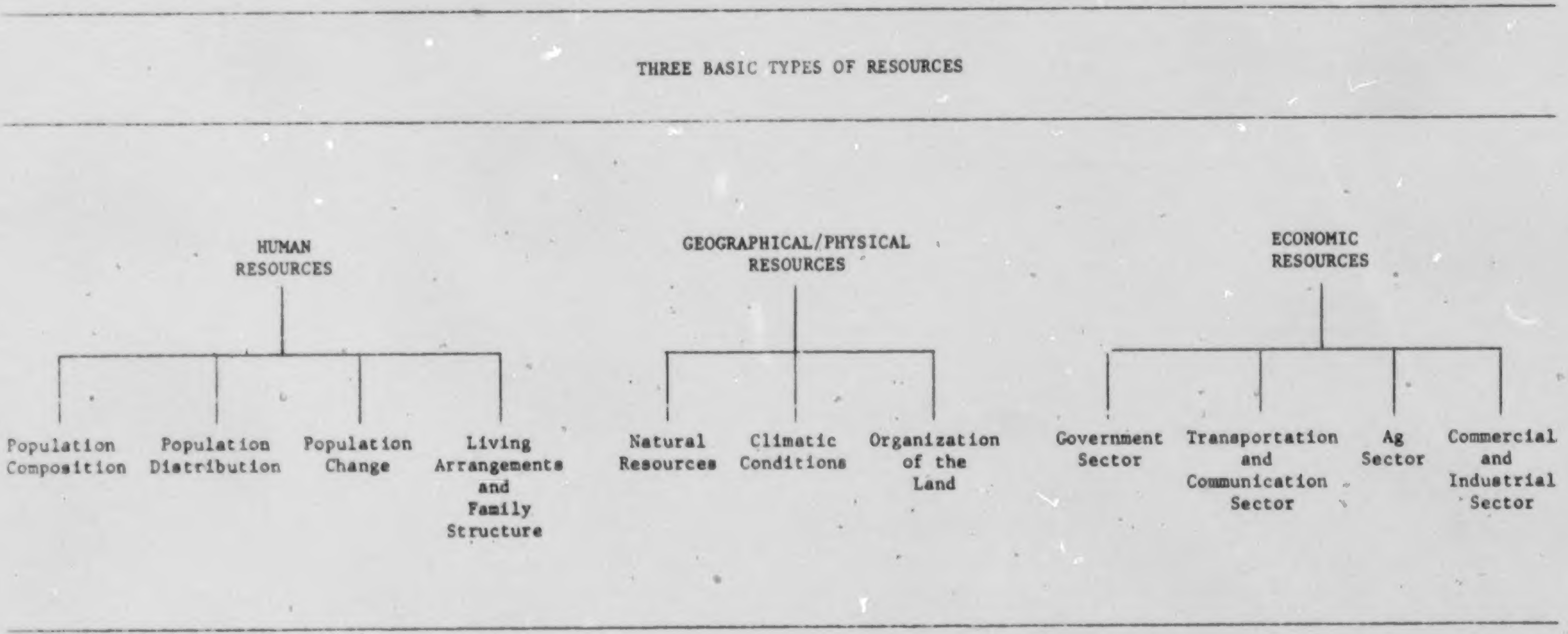
Human resources refer to a variety of important population-related conditions. Some of the variables associated with human resources are (1) the composition of the population (e.g., by age and sex), (2) the distribution of the population (e.g., the urban/rural distribution), (3) the change in population size, and (4) changes in living arrangements and family structure (e.g., trends in the number of marital dissolutions). Geographical/physical resources involve basic features of the land, such as the number of acres devoted to agriculture, the amount of available natural resources (e.g., forest lands, mineral deposits, etc.), and climatic conditions. Economic resources relate to the vitality of the economy as reflected in the following economic sectors: (1) government sector, (2) transportation and communication sector, (3) agricultural sector, and (4) commercial and industrial sector.

Dramatic changes in these basic resources, such as a significant increase in the number of people moving out of a locale, can affect well-being. Yet public decision makers cannot directly affect changes in out-migration. Since factors that constitute the resource base may affect our quality of life, decision makers should be aware of the changing conditions involving human, geographical/physical, and economic resources. Therefore, the research staff has identified social indicators that measure the resource base, as well as the eight areas of well-being. Many indicators of the resource base will be presented in this report.

HOW THE SOCIAL INDICATORS IN THIS REPORT ARE ORGANIZED

There will be a number of chapters following this introductory section that include a select set of social indicators. Each chapter will focus on a different section of the decision-making framework introduced in the preceding section. In other words, there will be three chapters representing the resource base--one chapter for each major type of resource--human, geographical/physical, and economic. There will also be one chapter for each of the eight well-being areas. The social indicators presented for each of these eight areas will be organized according to the four factors associated with quality of life discussed earlier (availability and expenditure of financial resources, the structure of services, utilization of services, and the level of well-being).

Figure 2. The resource base


THREE BASIC TYPES OF RESOURCES
HUMAN RESOURCES
Population Composition
Population Distribution
Population Change
Living Arrangements and Family Structure
GEOGRAPHICAL/PHYSICAL RESOURCES
Natural Resources
Climatic Conditions
Organization of the Land
ECONOMIC RESOURCES
Government Sector
Transportation and Communication Sector
Ag Sector
Commercial and Industrial Sector

Each chapter will begin by providing a list of the specific indicators presented in that chapter.

ABOUT THE DATA PRESENTED IN THIS REPORT

Decision makers and researchers alike have often argued that better use should be made of existing data. Massive amounts of social data are being collected by various agencies and organizations. However, much of these data are rarely organized in a usable form for making decisions and are rarely made available to decision makers and other people who could use the information. *One of the purposes of this report is to organize and disseminate social information that decision makers can use in their daily activities.*

Rather than collecting new data through surveys, the data presented in the report were derived from reports published by a wide variety of governmental and private agencies and organizations. Securing data from these sources is valuable from another perspective: data collected by agencies and organizations are often likely to be collected on a regularly scheduled basis. Many agencies, such as the U.S. Department of Commerce, have collected the same type of data for a number of years. This often means that comparable data can be mobilized and analyzed that cover a span of time, rather than for only one point in time.

Therefore, we have attempted to present only data which cover at least two points in time so that the reader can view the data with an eye toward analyzing social change. However, we do present some data for only one time period. Data for only one time period has been presented either because it was relevant or it was the only data available for a given factor. When more current data are published by various agencies, these data can be merged with the data published in this report for an even more recent evaluation of social change. This can provide an opportunity for publishing updated reports of this kind.

HOW THE DATA ARE PRESENTED: TABLE DESIGNS

The data in this report will be presented in table form, and all tables have the same basic format. Data for each indicator will be presented in one of three alternative table designs, depending on the type of variable under consideration. All three table designs are similar in three basic ways: 1) most data are presented for at least two points in time; 2) data are presented for at least two different geographical units (e.g., county and state); and 3) if possible, computations are presented for analyzing social change. You may wish to refer to Tables 1-3 printed on the following pages as we discuss the specifics of the respective designs.

Table Design 1

Table 1 on page 11 presents data according to the first design. Median family income figures are presented for one county and the state for three points in time (1950, 1960, and 1970). With respect to social change, the percent change figures between time periods are also presented. Data on percent change permit the reader to see the change in median family income over a span of time. The data in Table 1 may be used for comparative purposes. One can view the changes that have taken place in Carroll County, as well as compare the changes that have occurred in Carroll County to changes at the state level. From this perspective, the reader may notice that the gap between the median family income level for Carroll County and Iowa was actually greater in 1970 than in 1950.

Table Design 2

Table 2 on page 12 is a more complex version of Table 1. The focus of Table 2 is on the number of Aid to Dependent Children (ADC) cases. Data are again presented for multiple time periods, five consecutive time periods (1971-75) in this case. The major change in Table 2 as compared to Table 1 is the addition of a multicounty unit, the nine counties in Extension Region III, of which Carroll County is a part.* The total number of ADC cases are presented for Carroll County, the region as a whole, and the state of Iowa as a whole. You may notice that additional information is also provided for the region and the state.

In order to compare the number of ADC cases in Carroll County with the region and the state, the reader may wish to inspect the number of Carroll County cases with the mean county value for the region and state. The mean values represent the average number of cases per county in the region and the state, respectively.

The median (midpoint) county value for the region is also presented. The median value is often a more accurate figure than the mean, particularly when you are dealing with a small number of geographical units, as we are here, with only nine counties comprising the region. The median may be more accurate than the mean because it is less affected by extreme (very large or very small) values. For example, if we wanted to calculate the median number of ADC cases for the region, we would rank-order the

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*The nine-county region includes Boone, Calhoun, Carroll, Greene, Hamilton, Humboldt, Pocahontas, Webster, and Wright counties.

Table 1. Median family income

				Analysis of Social Change	
		Year		Percent Change	
Governmental Unit	1950	1960	1970	1950-60	1960-70
Carroll County	$3,068	$4,380	$7,973	+42.8%	+82.0%
Iowa	3,068	5,069	9,018	+65.2%	+77.9%

Source: U.S. Department of Commerce.

Table 2. Number of Aid to Dependent Children cases[a,b]

						Analysis of Social Change			
						Percent Change			
			Year						
Governmental Unit	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	82	101	100	86	107	+23.2%	-1.0%	-14.0%	+24.4%
Total for Region Three	1,305	1,418	1,326	1,337	1,511	+8.7%	-6.5%	+0.8%	+13.0%
Mean County Value	145.0	157.6	147.3	148.6	167.9				
Median County Value	82.0	101.0	100.0	86.0	107.0				
Total for Iowa	21,898	24,357	24,030	24,263	27,918	+11.2%	-1.3%	+1.0%	+15.1%
Mean County Value	221.2	246.0	242.7	245.1	282				

[a] Data are for fiscal year ending June 30.

[b] Cases continued to next year for 1971-74 and ending cases for 1975.

Source: Iowa Department of Social Services.

counties according to the number of cases for a particular year. For 1974, the number of ADC cases were: Webster, 609; Boone, 186; Hamilton, 117; Wright, 101; Carroll, 86; Calhoun, 85; Greene, 68; Pocahontas, 50; and Humboldt, 35. The median (midpoint or midrange) county value for the region in 1974 is 86 (the middle value of the nine county values). The mean county value, on the other hand, is 148. In our example, the mean value for 1974 is affected by the higher number of ADC cases reported for Webster County, as compared to the other counties.

The "analysis of social change" design of Table 2 is the same as Table 1. The reader will note that the only change involves the addition of percent change figures for the nine-county region. No percent change figures are calculated for mean county values since these figures change by the same percent as the aggregate figures. Calculation of percent change for the mean county values would be the same as for the aggregate figures within rounding error.

Table Design 3

Table 3 on page 14 is the most complex design of the three alternatives, but has the most information value. As an example of table design 3, Table 3 is identical to Table 2 in the breadth of time covered (1971-75) and number of governmental units considered (Carroll County, the nine-county Extension Region Three, and the state of Iowa). There are two major differences, however.

Table 3 reports the amount of federal and state dollars available for county benefit expenses and administrative expenses associated with distributing benefits. Data in the Table do not report the total amount of dollars available for the purposes specified. The total amount would include local contributions. However, the figures in parenthesis reported for each geographical unit by year express the percent of the total amount of dollars for benefit payments contributed by federal and state sources. For example, 93.3% of the dollars available to Carroll County in 1971 for benefits, and the administrative expenses thereof, came from federal and state sources. This figure increased to 99.3% by 1975.

Table 3 also contains information beyond percent change that can be used for the analysis of social change. As in Tables 1 and 2, percent change columns are presented in Table 3; however, an additional set of columns are included in Table 3 under the "analysis of social change" section. We refer to these new figures as "change in proportion."

Comparative analysis of the percent change and change in proportion figures can provide some useful findings. For example, we find from Table 3 that between 1973 and 1974 the amount of dollars provided by federal and state services for benefit programs in Carroll County decreased by 23.5%. However, we can raise another important question: Has the contribution made by federal and state funds to the total amount of funds available in Carroll County decreased at the same rate?

Table 3. Federal and state funds for county benefit payments and administrative expenses[c,d]

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change: Percent Change 71-72	72-73	73-74	74-75	Change in Proportion[b] 71-72	72-73	73-74	74-75
Carroll County	591,606 (93.3%)[a]	673,671 (93.0%)	612,742 (91.7%)	468,987 (94.2%)	587,451 (99.3%)	+13.9%	-9.0%	-23.5%	+25.3%	-0.3%	-1.3%	+2.5%	+5.1%
Total for Region Three	7,002,470 (89.3%)	7,560,045 (89.5%)	6,583,060 (88.3%)	5,658,485 (92.5%)	7,542,668 (99.5%)	+8.0%	-12.9%	-14.0%	+33.3%	+0.2%	-1.2%	+4.2%	+7.0%
Mean County Value	778,052	840,005	731,451	628,721	838,074								
Median County Value	591,606	664,559	576,298	426,769	587.451								
Total for Iowa	107,696,391 (87.9%)	117,571,885 (88.1%)	109,248,429 (87.3%)	134,421,309 (94.0%)	181,820,925 (99.7%)	+9.2%	-7.1%	+23.0%	+35.3%	+0.2%	-0.8%	+6.7%	+5.7%
Mean County Value	1,087,842	1,187,595	1,103,519	1,357,791	1,836,575								

[a] Figures in parenthesis represent the federal and state funds for county benefit payments and administrative expenses as a percent of the total funds for county benefit payments and administrative expenses.

[b] Change in proportion represents the change in the amount of federal and state funds adjusted for change in the total funds for county benefit payments and administrative expenses.

[c] Dollar figures represent funds for the respective fiscal year ending June 30.

[d] State total includes dollars allocated to the district offices of the Department of Social Services.

Source: Iowa Department of Social Services.

Data reported for "change in proportion" show that the contribution of federal and state funds to the total amount of funds available actually increased by 2.5% between 1973-74.

"Change in proportion" figures make a more accurate evaluation of percent change figures possible. This contribution is particularly useful when analyzing budget figures. In a time when budgets often increase at rapid rates due to inflation and other factors, it is not unusual to find a 50% or perhaps 100% increase in the dollars allocated for certain services over a short time span. However, one should view these figures in proper perspective and ask whether this increase in allocation actually means a greater proportion of the total budget is expended for the service or services under scrutiny. Analysis of the "change in proportion" figures for the data presented in the report will make this type of judgment possible.

LIMITATIONS OF THIS REPORT

The major limitation of the report relates to problems associated with data. Three interrelated problems appear significant: 1) the problem of obtaining the most recent data possible; 2) the problem of data comparability; and 3) the problem of mobilizing data from a wide variety of sources.

Mobilizing recent data

We mentioned that data for this report were taken from a variety of public and private sources. These sources include reports published by the U.S. Census Bureau and annual reports filed by state agencies. The major problem confronted in this regard is that the period of time between data collection, publication, and circulation is often very lengthy. This problem is particularly acute when dealing with federal agency reports.

Since the process of collecting and publishing data on a regularly scheduled basis can be extremely expensive, various agencies of the federal government often provide important data that are rarely collected on a routine basis by other groups. For example, many key variables measuring the social and economic characteristics of the population are collected only once every ten years through the decennial census. However, most of the data collected in the 1970 census were not widely available until 1972. An even more significant question can be raised: How useful are 1970 data to decision makers in 1977? This problem is not reserved to the general census. For example, data for the 1974 U.S. Census of Agriculture were not available until late 1976, and the 1974 report on "County Business Patterns" for Iowa counties will not be distributed until 1977.

The above discussion is not an indictment against federal data collection and processing agencies--it takes a great amount of time to carefully prepare data for wide distribution. It is only meant to alert the reader to a serious problem. Decision makers should have the most recent data possible at their disposal. Unfortunately, the luxury of having a variety of current data for decision-making purposes is, in most cases, unlikely to become a reality for some time to come.

Data comparability

Organizations often change the definition of variables for which they collect data. For example, the definition of what constitutes a "farm unit" in 1950 was changed in 1960 by the U.S. Census Bureau. Consequently, if one wants to know how much change has occurred in the number of farm units or in the number of rural farm families between 1950 and 1960, it would not be appropriate to compare 1950 with 1960 data if the definitions of "farm unit" are different for the two points in time.

Another source of difficulty regarding data comparability occurs when data collection agencies redefine variables by merging similar variables. For example, data reported in 1971 on "federal funds for county benefit payments" and "state funds for county benefit payments" were merged in 1972 to create a new variable--"federal and state funds for county benefit payments" in the Department of Social Services "Annual Report." This again creates problems when one is trying to mobilize comparable data over time.

One final data comparability problem must be discussed. *If two or more agencies collect the "same" type of data, one must insure that the definitions of the variables for which you are seeking data are identical. Otherwise, the data are not comparable.* For example, suppose one is trying to collect data on "taxable payrolls of industries at the county level" for two points in time. Data are reported by Agency A involving the amount of the taxable payrolls in 1974, but Agency A will not publish data for this variable again until 1979. In the meantime, we discover Agency B also publishes data on taxable payrolls for 1975. At least two definitional questions must be resolved before the data can be considered comparable: 1) Do both agencies define "taxable payroll" in the same manner, and 2) Do both agencies derive their taxable payroll figures from the same industries?

Quite obviously, when data are not comparable over time, the depth and breadth of the data base will suffer as a consequence. Furthermore, much high-quality data may have to be dropped altogether.

Data not obtained

The reader has probably recognized that a great deal of data is required in order to measure quality of life in the way discussed in this report. Perhaps the reader also realizes that no single agency collects and processes *all* the data needed to measure well-being from the policy perspective we have outlined in this report. This means that the staff had to become acquainted with the types of data provided by a truly wide variety of agencies and organizations.

The staff has tried to become as knowledgeable as possible regarding what federal, state, and private agencies publish what data and how often these data are published. We were ably assisted in this search by staff of the "Government Documents" section of the Iowa State University library.

However, there may be sources of very useful data which we were not able to locate. For example, we were not able to find much data regarding the accessibility (in terms of cost and distance) of services, and the degree to which services are utilized by all socioeconomic groups in the population. Such data may be very important in analyzing the utilization of the services which are offered. In many instances, data available for the community level were not available for the county level. Therefore, these data could not be presented in the report. Also, data may be available that would be more appropriate indicators than those reported for sections of this report. Therefore, if you know of such data that we were unable to obtain, we would appreciate hearing from you regarding the location of these data.

A SOURCE OF ADDITIONAL ASSISTANCE

Obviously the data presented in this report will not satisfy all the information needs Carroll County decision makers face. However, not all the data mobilized by the research staff appear in the following chapters. A considerable amount of additional data for Carroll County are on file in the project research office in Ames.

Perhaps you may be faced with the need for social data that are similar in kind to the data presented in this report but are not specifically published in this volume. If you are confronted with this problem, contact your county extension director, Mr. Roland F. Lickteig. Describe to him the kinds of data you need. Mr. Lickteig, working with Mr. Clarence Rice (your regional Extension Community Resource Development Specialist), will inform the staff of your request. The staff will check their data files and see if the data on hand can help solve your information problem.

We realize we cannot satisfy everyone's information needs in one report, but we would like to help you obtain the information, not included in this report, that you do need. By providing this service, we feel we will be helping you obtain as much information as possible in carrying out your responsibilities. This service will hopefully make a contribution to the task of improving the quality of life in Carroll County.

CHAPTER 2:

HUMAN RESOURCES

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Area: Human Resources
Population Composition

Title: Total population

Governmental Unit	Year 1960	1970	1974[a]	Analysis of Social Change: Percent Change 1960-70	1970-74
Carroll County	23,431	22,912	23,300	-2.2%	+1.7%
Total for Region Three	196,449	185,770	183,400	-5.4%	-1.3%
Mean County Value	21,828	20,641	20,378		
Median County Value	19,447	17,294	16,700		
Total for Iowa	2,757,537	2,825,041	2,855,000	+2.5%	+1.1%
Mean County Value	27,854	28,536	28,838		

[a] Estimated.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Population under age 18

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	9,404 (40.1%)[a]	9,171 (40.0%)	-2.5%	-0.1%
Total for Region Three	65,443 (33.1%)	64,691 (34.8%)	-1.1%	+1.7%
Mean County Value	7,271	7,187		
Median County Value	7,203	5,770		
Total for Iowa	987,268 (35.8%)	974,937 (34.5%)	-1.2%	-1.3%
Mean County Value	9,972	9,848		

[a] Figures in parenthesis represent the population under age 18 as a percent of the total population.

[b] Change in proportion represents the change in population under age 18 adjusted for change in the total population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Youth dependency ratio[a]

Governmental Unit	Year		Analysis of Social Change
	1960	1970	Amount of Change[b] 1960-70
Carroll County	83.3	85.7	+2.4
Total for **Region Three**	65.8	68.6	+2.8
Mean County Value			
Median County Value			
Total for Iowa	68.5	65.0	-3.5
Mean County Value			

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[a] This ratio is computed by the formula: $\frac{\text{Persons under 18 years of age}}{\text{Persons aged 18-64}}$ X 100.

[b] Amount of change represents the difference between the youth dependency ratio for 1970 and 1960.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Population aged 18 to 64 years

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	11,283 (48.2%)[a]	10,704 (46.7%)	-5.1%	-1.5%
Total for Region Three	99,426 (50.6%)	94,251 (50.7%)	-5.2%	+0.1%
Mean County Value	11,047	10,472		
Median County Value	9,774	8,890		
Total for Iowa	1,452,295 (52.7%)	1,499,765 (53.1%)	+3.3%	+0.4%
Mean County Value	14,670	15,149		

[a] Figures in parenthesis represent the population aged 18 to 64 years as a percent of the total population.

[b] Change in proportion represents the change in the population aged 18-64 adjusted for change in the total population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Population age 65 and over

	Year		Analysis of Social Change	
Governmental Unit	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	2,744 (11.7%)[a]	3,037 (13.3%)	+10.7%	+1.6%
Total for Region Three	24,920 (12.7%)	26,828 (14.4%)	+7.7%	+1.7%
Mean County Value	2,769	2,981		
Median County Value	2,422	2,519		
Total for Iowa	317,974 (11.9%)	350,339 (12.4%)	+10.2%	+0.5%
Mean County Value	3,212	3,539		

[a] Figures in parenthesis represent the population age 65 and over as a percent of the total population.

[b] Change in proportion represents the change in the population aged 65 and over adjusted for change in the total population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Aged dependency ratio[a]

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Amount of Change[b] 1960-70
Carroll County	28.4	24.3	-4.1%
Total for Region Three	25.1	28.5	+3.4%
Mean County Value			
Median County Value			
Total for Iowa	22.7	23.4	+0.7%
Mean County Value			

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[a] This ratio is computed by the formula: $\frac{\text{Persons over 65 years of age}}{\text{Persons aged 18-64}} \times 100$.

[b] Amount of change is calculated by the difference between the aged dependency ratios for 1970 and 1960.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Male population

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	11,449 (48.9%)[a]	11,098 (48.4%)	-3.1%	-0.5%
Total for Region Three	96,393 (49.1%)	89,616 (48.2%)	-7.0%	-0.9%
Mean County Value	10,710	9,957		
Median County Value	9,645	8,477		
Total for Iowa	1,359,259 (49.3%)	1,372,431 (48.6%)	+1.0%	-0.7%
Mean County Value	13,730	13,863		

[a] Figures in parenthesis represent the size of the male population as a percent of the total population.

[b] Change in proportion represents the change in the size of the male population adjusted for change in the total population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Total number of males 25 years old and over

Governmental Unit	Year 1950	1960	1970	Analysis of Social Change: Percent Change 1950-60	1960-70
Carroll County	6,380	5,899	5,644	-7.5%	-4.3%
Total for Region Three	55,405	53,283	49,310	-3.8%	-7.5%
Mean County Value	6,156	5,920	5,479		
Median County Value	5,560	5,323	4,846		
Total for Iowa	754,640	745,604	727,522	-1.2%	-2.4%
Mean County Value	7,622.6	7,531.4	7,348.7		

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

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Area: Human Resources
Population Composition

Title: Female population

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	11,982 (51.1%)[a]	11,814 (51.6%)	-1.4%	+0.5%
Total for Region Three	100,056 (50.9%)	96,085 (51.7%)	-4.0%	+0.8%
Mean County Value	11,117	10,676		
Median County Value	9,802	8,817		
Total for Iowa	1,398,278 (50.7%)	1,451,945 (51.4%)	+3.8%	+0.7%
Mean County Value	14,124	14,666		

[a] Figures in parenthesis represent the size of the female population as a percent of the total population.

[b] Change in proportion represents the change in the size of the female population adjusted for change in the total population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Composition

Title: Total number of females 25 years and over

Governmental Unit	Year 1950	1960	1970	Analysis of Social Change Percent Change 1950-60	1960-70
Carroll County	6,685	6,535	6,506	-2.2%	-0.4%
Total for Region Three	58,235	57,549	56,337	-1.2%	-2.1%
Mean County Value	6,471	6,394	6,260		
Median County Value	5,635	5,698	5,414		
Total for Iowa	784,545	795,729	813,066	+1.4%	+2.2%
Mean County Value	7,924.7	8,037.7	8,212.8		

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Human Resources
Population Distribution

Title: Population density[a]

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1940	1950	1960	1970	1940-50	1950-60	1960-70
Carroll County	39.7	40.2	40.8	39.9	+1.3%	+1.5%	-2.2%
Iowa	45.3	46.8	49.2	50.5	+3.3%	+5.1%	+2.6%

[a] Population per square mile.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources

Population Distribution

Title: Urban population[c]

			Analysis of Social Change	
	Year		Percent Change	Change in Proportion[b]
Governmental Unit	1960	1970	1960-70	1960-70
Carroll County	7,682 (32.8%)[a]	8,716 (38.0%)	+13.5%	+5.2%
Total for Region Three	75,789 (38.6%)	77,796 (41.9%)	+2.6%	+3.3%
Mean County Value	8,421	8,644		
Median County Value	7,682	7,461		
Total for Iowa	1,462,512 (53.0%)	1,616,405 (57.2%)	+10.5%	+4.2%
Mean County Value	14,773	16,327		

[a] Figures in parenthesis represent the size of the urban population as a percent of the total population.

[b] Change in proportion represents the change in the size of the urban population adjusted for change in the total population.

[c] Urban population is defined as persons residing in places of 2,500 population or more.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Distribution

Title: Rural population[c]

	Year		Analysis of Social Change	
Governmental Unit	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	15,749 (67.2%)[a]	14,196 (62.0%)	-9.9%	-5.2%
Total for Region Three	120,660 (61.4%)	107,974 (58.1%)	-10.5%	-3.3%
Mean County Value	13,406.7	11,997.1		
Median County Value	14,234.0	12,793.0		
Total for Iowa	1,295,025 (47.0%)	1,207,971 (42.8%)	-6.7%	-4.2%
Mean County Value	13,081.1	12,201.7		

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[a] Figures in parenthesis represent the size of the rural population as a percent of the total population.

[b] Change in proportion represents the change in the size of the rural population adjusted for change in the total population.

[c] Rural population is defined as persons residing in places less than 2,500 population.

Source: U.S. Department of Commerce, General Population Characteristics.

Area: Human Resources
Population Change

Title: Total population change, 1960-70 and 1970-74

Governmental Unit	Year		Analysis of Social Change
	1960-70	1970-74	Percent Change[a]
Carroll County	-519	+338	
Total for **Region Three**	-10,769	-2,370	
Mean County Value	-1,187	-263	
Median County Value	-1,441	-292	
Total for Iowa	+67,504	+29,959	
Mean County Value	682	303	

[a] Cannot be computed due to the difference in the time intervals.

Source: U.S. Department of Commerce, Number of Inhabitants and Estimates of the Population of Iowa Counties and Metropolitan Areas.

Area: Human Resources
Population Change

Title: Number of births

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	385 (16.9)[a]	334 (13.7)	318 (13.8)	285 (12.3)	-13.3%	-4.8%	-10.4%	-3.2	+0.1	-1.5
Total for **Region Three**	2,798 (15.1)	2,582 (13.5)	2,332 (12.5)	2,130 (11.4)	-7.7%	-9.7%	-8.7%	-1.6	-1.0	-1.1
Mean County Value	310.9	286.9	259.1	236.7						
Median County Value	240.0	221.0	174.0	181.0						
Total for Iowa	48,406 (17.1)	45,171 (15.8)	40,860 (14.2)	38,898 (13.4)	-6.7%	-9.5%	-4.8%	-1.3	-1.6	-0.8
Mean County Value	488.9	456.3	412.7	392.9						

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[a] Figures in parenthesis represent the number of births per 1,000 estimated population.

[b] Change in proportion represents the change in the number of births per 1,000 estimated population.

Source: Iowa State University, Cooperative Extension Service, Region V Past, Present, and Future.

Area: Human Resources
Population Change

Title: Number of deaths

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-7
Carroll County	255 (11.2)[a]	245 (10.0)	252 (10.9)	265 (11.4)	-3.9%	+2.9%	+5.2%	-1.2	+0.9	+0.5
Total for **Region Three**	2,062 (11.1)	2,078 (10.8)	2,094 (11.2)	2,082 (11.1)	+0.8%	+0.8%	-0.6%	-0.3	+0.4	-0.1
Mean County Value	229.1	230.8	232.6	231.3						
Median County Value	213.0	191.0	184.0	186.0						
Total for Iowa	29,356 (10.4)	29,475 (10.3)	29,907 (10.4)	29,229 (10.1)	+0.4%	+1.5%	-2.3%	-0.1	+0.1	-0.3
Mean County Value	297	298	302	295						

[a] Figures in parenthesis represent the number of deaths per 1,000 estimated population.

[b] Change in proportion represents the change in the number of deaths per 1,000 estimated population.

Source: Iowa State University, Cooperative Extension Service, Region V Past, Present, and Future.

Area: Human Resources
Population Change

Title: Natural increase,[a] 1960-70 and 1970-74

Governmental Unit	Year		Analysis of Social Change
	1960-70	1970-74	Percent Change[b]
Carroll County	2,976	300	
Total for Region Three	13,669	1,500	
Mean County Value	1,522	167	
Median County Value	827	100	
Total for Iowa	250,431	56,000	
Mean County Value	2,530	566	

[a] Births minus deaths

[b] Percent change cannot be calculated due to the difference in the time periods.

Source: U.S. Department of Commerce, Components of Population Change, and Estimates of the Population of Iowa Counties and Metropolitan Areas.

Area: Human Resources
Population Change

Title: Net migration: 1960-70 and 1970-74

Governmental Unit	Year 1960-70	1970-74	Analysis of Social Change: Percent Change[b]	Change in Proportion[b]
Carroll County	-3,374 (-14.4%)[a]	+311 (+1.4%)		
Total for Region Three	-24,066 (-12.3%)	-5,695 (-3.1%)		
Mean County Value	-2,674	-633		
Median County Value	-2,390	-512		
Total for Iowa	-180,705 (-6.6%)	-23,073 (-0.8%)		
Mean County Value	-1,825	-233		

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[a] Figures in parenthesis represent the percent net migration (net migration/population at beginning of period).

[b] Percent change and change in proportion cannot be calculated due to the difference in the time periods.

Source: H.C. Chang, Estimates of Net Migration by State and Counties, Iowa, 1960-70 and 1970-74

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Area: Human Resources
Population Change

Title: Projected population: 1980 and 1990[a]

Governmental Unit	Year		Analysis of Social Change
	1980[a]	1990[a]	Percent Change 1980-90
Carroll County	22,236	21,534	-3.2%
Total for **Region Three**	176,973	168,687	-4.7%
Mean County Value	19,664	18,743	
Median County Value	16,508	15,183	
Total for Iowa	2,750,052	2,751,471	+0.1%
Mean County Value	27,778	27,793	

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[a] Projections are based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rates = 2.45 children.

Source: U.S. Department of Commerce, General Population Characteristics; and H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources
Population Change

Title: Projected population, 1980 and 1990: children 4 years of age and under[c]

Governmental Unit	Year 1980	Year 1990	Analysis of Social Change: Percent Change 1980-90	Analysis of Social Change: Change in Proportion[b] 1980-90
Carroll County	2,376 (10.7%)[a]	2,518 (11.7%)	+6.0%	+1.0%
Total for Region Three	15,946 (9.0%)	15,965 (9.5%)	+0.1%	+0.5%
Mean County Value	1,771.8	1,773.9		
Median County Value	1,420.0	1,325.0		
Total for Iowa	248,801 (9.0%)	261,544 (9.5%)	+5.1%	+0.5%
Mean County Value	2,513.2	2,641.9		

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[a] Figures in parentheses represent the projected population, age 4 and under, as a percent of the total projected population.

[b] Change in proportion represents the change in projected population, age 4 and under, adjusted for change in the total projected population.

[c] Projections based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rates = 2.45 children.

Source: H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources
Population Change

Title: Projected population, 1980 and 1990: children 5 years of age to 14 years of age[c]

Governmental Unit	Year 1980	Year 1990	Analysis of Social Change: Percent Change 1980-90	Analysis of Social Change: Change in Proportion[b] 1980-90
Carroll County	4,205 (18.9%)[a]	4,371 (20.3%)	+4.0%	+1.4%
Total for Region Three	29,497 (16.7%)	29,572 (17.5%)	+0.3%	+0.8%
Mean County Value	3,277.5	3,285.8		
Median County Value	2,680.0	2,550.0		
Total for Iowa	443,027 (16.0%)	478,289 (17.4%)	+8.0%	+1.4%
Mean County Value	4,475.0	4,831.2		

---

[a] Figures in parentheses represent the projected population, age 5-14, as a percent of the total projected population.

[b] Change in proportion represents the change in projected population, age 5-14, adjusted for change in the total projected population.

[c] Projections based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rates = 2.45 children.

Source: H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources

Population Change

Title: Projected population, 1980 and 1990: children 15 years of age to 19 years of age[c]

Governmental Unit	Year 1980	Year 1990	Analysis of Social Change: Percent Change 1980-90	Analysis of Social Change: Change in Proportion[b] 1980-90
Carroll County	2,560 (11.5%)[a]	1,615 (7.5%)	-36.9%	-4.0%
Total for Region Three	16,386 (9.3%)	11,770 (7.0%)	-28.2%	-2.3%
Mean County Value	1,820.7	1,307.8		
Median County Value	1,429.0	1,038.0		
Total for Iowa	261,112 (9.4%)	200,065 (7.3%)	-23.4%	-2.1%
Mean County Value	2,637.5	2,029.9		

---

[a] Figures in parentheses represent the projected population, age 15-19, as a percent of the total projected population.

[b] Change in proportion represents the change in projected population, age 15-19, adjusted for change in the total projected population.

[c] Projections based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rates = 2.45 chldren.

Source: H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources
Population Change

Title: Projected population, 1980 and 1990: population 20 years of age to 64 years of age[c]

Governmental Unit	Year 1980	Year 1990	Analysis of Social Change: Percent Change 1980-90	Analysis of Social Change: Change in Proportion[b] 1980-90
Carroll County	10,145 (45.6%)[a]	9,991 (46.4%)	-1.5%	+0.8%
Total for **Region Three**	88,938 (50.3%)	84,678 (50.2%)	-4.8%	-0.2%
Mean County Value	9,982	9,409		
Median County Value	8,559	7,811		
Total for Iowa	1,436,160 (52.2%)	1,445,139 (52.5%)	+0.6%	+0.3%
Mean County Value	14,507	14,597		

[a] Figures in parenthesis represent the projected population, age 20-64, as a percent of the total projected population.

[b] Change in proportion represents the change in the projected population, age 20-64, adjusted for change in the total projected population.

[c] Projections based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rate = 2.45 children.

Source: H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources
Population Change

Title: Projected population, 1980 and 1990: population 65 years of age and over[c]

Governmental Unit	Year 1980	 1990	Analysis of Social Change Percent Change 1980-90	 Change in Proportion[b] 1980-90
Carroll County	2,950 (13.3%)[a]	3,039 (14.1%)	+3.0%	+0.8%
Total for Region Three	26,206 (14.8%)	26,702 (15.8%)	+1.9%	+1.0%
Mean County Value	2,912	2,967		
Median County Value	2,420	2,459		
Total for Iowa	350,952 (12.8%)	366,424 (13.3%)	+4.4%	+0.5%
Mean County Value	3,545	3,701		

[a] Figures in parenthesis represent the projected population aged 65 and over as a percent of the total projected population.

[b] Change in proportion represents the change in the projected population aged 65 and over adjusted for change in the total projected population

[c] Projections are based upon the following assumptions:

1. 1950-60 migration rates will occur.
2. Completed fertility rate = 2.45 children.

Source: H.C. Chang, Population Projections by Age and Sex for State and Counties of Iowa.

Area: Human Resources
Living Arrangements and Family Structure

Title: Number of families

Governmental Unit	Year			Analysis of Social Change	
				Percent Change	
	1950	1960	1970	1950-60	1960-70
Carroll County	5,855	5,679	5,380	-3.0%	-5.3%
Total for Region Three	50,355	50,904	47,927	+1.1%	-5.9%
Mean County Value	5,595.0	5,656.0	5,325.2		
Median County Value	5,215.0	5,189.0	4,657.0		
Total for Iowa	686,785	711,716	717,776	+3.6%	+0.9%
Mean County Value	6,937	7,189	7,250		

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Human Resources

Living Arrangements and Family Structure

Title: Number of marriages

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	204 (8.5)[a]	205 (8.9)	223 (9.6)	229 (9.8)	+0.5%	+8.8%	+2.7%	+0.4	+0.7	+0.2
Total for Region Three	1,574 (8.3)	1,692 (9.1)	1,736 (9.3)	1,659 (9.1)	+7.5%	+2.6%	-4.4%	+0.8%	+0.2	-0.2
Mean County Value	175	188	193	184						
Median County Value	142	162	174	155						
Total for Iowa	24,686 (9.0)	25,819 (9.0)	27,544 (9.5)	25,616 (8.9)	+4.6%	+6.7%	-7.0%	0.0	+0.5	-0.6
Mean County Value	249	261	278	259						

[a] Figures in parenthesis represent the number of marriages per 1,000 estimated population.

[b] Change in proportion represents the change in the number of marriages per 1,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Human Resources

Living Arrangements and Family Structure

Title: Number of marital dissolutions

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	21	25	29	30	+19.1%	+16.0%	+3.5%			
	(0.9)[a]	(1.1)	(1.3)	(1.3)				+0.2	+0.2	0.0
Total for Region Three	378	393	408	506	+4.0%	+3.8%	+24.0%			
	(2.0)	(2.1)	(2.2)	(2.8)				+0.1	+0.1%	+0.6
Mean County Value	42	44	45	56						
Median County Value	29	25	29	38						
Total for Iowa	6,995	7,772	9,151	10,304	+11.1%	+17.8%	+12.6%			
	(2.5)	(2.7)	(3.2)	(3.6)				+0.2	+0.5	+0.4
Mean County Value	71	79	92	104						

---

[a] Figures in parenthesis represent the number of marital dissolutions per 1,000 estimated population.

[b] Change in proportion represents the change in the number of marital dissolutions per 1,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Human Resources

Living Arrangements and Family Structure

Title: Number of persons living in group quarters (e.g., inmates in institutions or unrelated individuals living in same unit)

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	333 (1.4%)[a]	390 (1.7%)	+17.1%	+0.3%
Total for Region Three	3,844 (2.0%)	4,602 (2.5%)	+19.7%	+0.5%
Mean County Value	427	511		
Median County Value	111	296		
Total for Iowa	70,196 (2.5%)	90,677 (3.2%)	+29.2%	+0.7%
Mean County Value	709	916		

[a] Figures in parenthesis represent the population living in group quarters as a percent of the total population.

[b] Change in proportion represents the change in the population living in group quarters adjusted for change in the total population.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

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Area: Human Resources

Living Arrangements and Family Structure

Title: Number of persons living in households

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	23,098 (98.6%)[a]	22,522 (98.3%)	-2.5%	-0.3%
Total for Region Three	192,605 (98.0%)	181,099 (97.5%)	-6.0%	-0.5%
Mean County Value	21,401	20,122		
Median County Value	19,380	16,922		
Total for Iowa	2,687,341 (97.5%)	2,733,699 (96.8%)	+1.7%	-0.7%
Mean County Value	27,145	27,613		

---

[a] Figures in parenthesis represent the number of persons living in households as a percent of the total population

[b] Change in proportion represents the change in the number of persons living in households adjusted for change in the total population.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

CHAPTER 3:

GEOGRAPHICAL/PHYSICAL RESOURCES

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Area: Geographical and Physical Resources
Natural Resources

Title: Value of mineral production (in thousands of dollars)

Governmental Unit	Year						Analysis of Social Change: Percent Change				
	1968	1969	1970	1971	1972	1973	1968-69	1969-70	1970-71	1971-72	1972-73
Carroll County	136	215	301	223	W[a]	W	+58.1%	+40.0%	-25.9%	%[b]	%[b]
Total for Iowa	117,297	119,930	$120,822	127,821	134,496	$158,800	+2.2%	+0.7%	+5.8%	+5.2%	+18.1%
Mean County Value	1,185	1,211	1,220	1,291	1,359	1,604					

[a] W: Withheld to avoid disclosing individual company confidential data.

[b] Percent change cannot be computed.

Source: United States Department of Interior, Minerals Yearbook.

Area: Geographical and Physical Resources
Natural Resources

Title: Number of sand and gravel mines

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	6	3	[a]	[a]	-50.0%	%[b]	%[b]
Total for Iowa	423	290	278	300	-31.4%	-4.1%	+7.9%
Mean County Value	4.3	2.9	2.8	3.0			

[a] Data in included in undistributed category.

[b] Percent change cannot be computed.

Source: United States Department of Commerce, Minerals Yearbook.

rea: Geographical and Physical Resources

Natural Resources

Title: Quantity of sand and gravel sold or used by producers (in thousands of short tons)

Governmental Unit	Year			Analysis of Social Change	
				Percent Change	
	1969	1970	1971	1969-70	1970-71
Carroll County	290	341	250	+17.6%	-26.7%
Total for Iowa	18,391	21,058	18,279	+14.5%	-13.2%
Mean County Value	185.8	212.7	184.6		

Source: United States Department of Interior, Minerals Yearbook.

Area: Geographical and Physical Resources
Natural Resources

Title: Value of sand and gravel sold or used by producers (in thousands of dollars)

Governmental Unit	Year			Analysis of Social Change	
				Percent Change	
	1971	1972	1973	1971-72	1972-73
Carroll County	223	[a]	[a]	%[b]	%[b]
Total for Iowa	$20,530	$20,140	$25,541	-1.9%	+26.8%
Mean County Value	207.4	203.4	258.0		

[a] Negligible (less than 1).

[b] Percent change cannot be computed.

Source: United States Department of Interior, Minerals Yearbook.

Area: Geographical and Physical Resources

Climatic Conditions

Title: Total precipitation

				Analysis of Social Change			
	Year			Percent Change		Change in Proportion[b]	
Governmental Unit	1968	1970	1972	1968-70	1970-72	1968-70	1970-72
Carroll County[c]	35.14 (6.33)[a]	26.09 (-2.72)	38.21 (9.40)	-25.8%	+46.5%	-9.05	+12.12

---

[a] Figures in parenthesis represent departure of the annual total precipitation from the normal. Normals for all stations are climatological normals based on the period 1931-60.

[b] Change in proportion represents the change in the departure of the annual total precipitation from the normal.

[c] Reporting station is Carroll.

Source: U.S. Department of Commerce, Climatological Data.

Area: Geographical and Physical Resources
Climatic Conditions

Title: Highest temperature

Governmental Unit	Year 1968	1970	1972	Analysis of Social Change: Percent Change 1968-70	1970-72
Carroll County[a]	97	100	96	+3.1%	-4.0%

---

[a] Reporting station is Carroll.

Source: U.S. Department of Commerce, Climatological Data.

Area: Geographical and Physical Resources
Climatic Conditions

Title: Lowest temperature

Governmental Unit	Year			Analysis of Social Change Percent Change	
	1968	1970	1972	1968-70	1970-72
Carroll County[a]	-23	-32	-21	-39.1%	+34.4%

[a] Reporting station is Carroll.

Source: U.S. Department of Commerce, Climatological Data.

Area: Geographical and Physical Resources
Climatic Conditions

Title: Annual average temperature

Governmental Unit	Year 1968	1970	1972	Analysis of Social Change: Percent Change 1968-70	1970-72	Change in Proportion[b] 1968-70	1970-72
Carroll County[c]	48.0 (-0.8)[a]	47.4 (-1.4)	46.0 (-2.8)	-1.3%	-0.6%	-3.0	-1.4

---

[a] Figures in parenthesis represent departure of the annual average temperature from the normal. Normals for all stations are climatological normals based on the period 1931-60.

[b] Change in proportion represents the change in the departure of the annual average temperature from the normal.

[c] Reporting station is Carroll.

Source: U.S. Department of Commerce, Climatological Data.

Area: Geographical/Physical Resources
Organization of Land

Title: Land area in acres

Governmental Unit	Year
	1974
Carroll County	367,296
Total for Region Three	3,311,744
Mean County Value	367,972
Median County Value	367,296
Total for Iowa	35,802,240
Mean County Value	361,639

Source: U.S. Department of Commerce, Census of Agriculture.

Area: Geographical/Physical Resources
Organization of Land

Title: Acres of non-farmland

Governmental Unit	Year 1974
Carroll County	[b]
Total for Region Three	114,958 (4.0%)[a]
Mean County Value	12,773
Median County Value	14,623
Total for Iowa	1,432,090 (4.0%)
Mean County Value	28,931

---

[a] Figures in parenthesis represent acres of non-farmland as a percent of the total land area.

[b] Negligible (less than 1%).

Source: U.S. Department of Commerce, Census of Agriculture.

rea: Geographical/Physical Resources
Organization of Land

itle: Acres of land in harvested cropland

Governmental Unit	Year
	1974
arroll County	286,491 (78.0%)[a]
otal for Region Three	2,673,715 (81.0%)
Mean County Value	297,079
Median County Value	295,629
otal for Iowa	22,913,434 (64.0%)
Mean County Value	231,449

---

[a] Figures in parenthesis represent acres of land in harvested cropland as a percent of total land area.

ource: U.S. Department of Commerce, Census of Agriculture.

Area: Geographical/Physical Resources

Organization of Land

Title: Acres of woodland including woodland pasture

Governmental Unit	Year 1974
Carroll County	3,673 (1.0%)[a]
Total for Region Three	71,671 (2.0%)
Mean County Value	7,963
Median County Value	7,391
Total for Iowa	1,432,090 (4.0%)
Mean County Value	14,466

[a] Figures in parenthesis represent the number of acres of woodland as a percent of the total land area.

Source: U.S. Department of Commerce, Census of Agriculture.

CHAPTER 4:
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Area: Economic Resources
Governmental Sector

Title: General revenue of county governments[a,b,c]

Governmental Unit	Year			Analysis of Social Change
	1961-62	1966-67	1971-72	Percent Change 1962-72
Carroll County	$ 1,226,000	$ 1,721,000	$ 2,651,000	+116.2%
Total for Region Three	14,000,000	14,681,000	26,418,000	+88.7%
Mean County Value	1,556,000	NA[d]	2,935,000	
Median County Value	1,263,000	NA	2,651,000	
Total for Iowa	160,403,000	209,219,000	328,923,000	+105.1%
Mean County Value	1,620,000	NA	3,322,000	

---

[a] Represents revenue from all sources--local, federal, and state.

[b] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

[c] General revenue of county governments represents the total revenue received by the county government. Figure includes intergovernmental revenue, tax revenue, and special charges. Special charges include fees for special services, special assessments, the sale of government property, and interest earnings.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Governmental Sector

Title: Intergovernmental revenue of county governments[c,d]

	Year			Analysis of Social Change	
Governmental Unit	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll	$ 318,000 (25.9%)[a]	$ 569,000 (33.1%)	$ 705,000 (26.6%)	+121.7%	+0.7%
Total for Region Three	2,938,000 (21.0%)	3,827,000 (26.1%)	7,071,000 (26.8%)	+140.7%	+5.8%
Mean County Value	326,000	NA[e]	786,000		
Median County Value	319,000	NA	756,000		
Total for Iowa	40,868,000 (25.5%)	59,758,000 (26.6%)	95,912,000 (10.3%)	+134.7%	-15.2%
Mean County Value	413,000	NA	969,000		

[a] Figures in parenthesis represent intergovernmental revenue of county governments as a percent of general revenue.

[b] Change in proportion represents the change in the intergovernmental revenue of county governments adjusted for change in general revenue.

[c] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

[d] Intergovernmental revenue comprises payments from one government to another as grants-in-aid, shared revenues, payments in lieu of taxes, o reimbursements for governmental services.

[e] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources

Governmental Sector

Title: Tax revenue of county governments

	Year			Analysis of Social Change[c]	
Governmental Unit	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 830,000 (67.7%)[a]	$ 968,000 (56.2%)	$ 1,620,000 (61.1%)	+95.2%	-6.6%
Total for Region Three	8,414,000 (60.1%)	7,082,000 (48.2%)	11,531,000 (43.6%)	+37.1%	-16.5%
Mean County Value	935,000	NA[d]	1,281,000		
Median County Value	825,000	NA	1,202,000		
Total for Iowa	97,131,000 (60.6%)	112,096,000 (53.6%)	166,441,000 (50.6%)	+71.4%	-10.0%
Mean County Value	981,000	NA	1,681,000		

---

[a] Figures in parenthesis represent tax revenue of county government as a percent of total general revenue of county government.

[b] Change in proportion represents the change in tax revenue of county government adjusted for change in the total general revenue of county government.

[c] Analysis of social change is for 1962-72 only due to missing data for Webster County for 1966-67.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Governmental Sector

Title: Total county tax dollars levied[a]

	Year		Analysis of Social Change
Governmental Unit	1970	1973	Percent Change 1970-73
Carroll County	$ 4,746,576	$ 8,142,841	+71.6%
Total for Region Three	50,692,716	80,668,646	+59.1%
Mean County Value	5,632,524	8,963,183	
Median County Value	4,746,576	8,142,841	
Total for Iowa	747,140,270	1,174,073,169	+57.1%
Mean County Value	7,546,871	11,859,325	

---

[a] Data are for taxes levied in the respective years 1970 and 1973 and payable during 1971 and 1974, respectively.

Source: Iowa Department of Revenue.

Area: Economic Resources
Governmental Sector

Title: Net millage rate, total mills for county[a]

Governmental Unit	Year 1970	1973	Analysis of Social Change Percent Change 1970-73
Carroll County	68.794	108.240	+57.3%
Total for Region Three	677.244	995.122	+46.9%
Mean County Value	75.249	110.569	
Median County Value	74.983	109.190	
Total for Iowa			
Mean County Value	101.313	143.472	+41.6%

[a] Data are for taxes levied in 1970 and 1973 and payable in 1971 and 1974, respectively.

Source: Iowa Department of Revenue.

✓

Area: Economic Resources
Governmental Sector

Title: Net millage rate, school mills[a]

Governmental Unit	Year 1970	Year 1973	Analysis of Social Change: Percent Change 1970-73
Carroll County	38.155	56.385	+47.8%
Total for Region Three	436.632	605.684	+38.7%
Mean County Value	48.515	67.298	
Median County Value	50.030	67.656	
Total for Iowa			
Mean County Value	61.742	81.621	+32.2%

---

[a] Data are taxes levied in the years 1970 and 1973 and payable during 1971 and 1974, respectively.

Source: Iowa Department of Revenue.

Area: Economic Resources
Governmental Sector

Title: Net millage rate, road mills[a]

Governmental Unit	Year 1970	1973	Analysis of Social Change Percent Change 1970-73
Carroll County	5.412	8.141	+50.4%
Total for Region Three	52.662	78.566	+49.2%
Mean County Value	5.851	8.730	
Median County Value	5.412	8.141	
Total for Iowa			
Mean County Value	6.093	8.715	+43.3%

[a] Data are taxes levied in 1970 and 1973 and payable in 1971 and 1974, respectively.

Source: Iowa Department of Revenue.

Area: Economic Resources
Governmental Sector

Title: General expenditures (all functions) of county governments[a]

	Year			Analysis of Social Change[b]
Governmental Unit	1961-62	1966-67	1971-72	Percent Change 1962-72
Carroll County	$ 1,342,000	$ 1,918,000	$ 2,462,000	+83.5%
Total for Region Three	13,737,000	15,067,000	27,496,000	+100.2%
Mean County Value	1,526,000	NA[c]	3,055,000	
Median County Value	1,342,000	NA	2,483,000	
Total for Iowa	161,198,000	209,395,000	319,616,000	+98.3%
Mean County Value	1,628,000	NA	3,228,000	

[a] Represents expenditures for all functions.

[b] Analysis of social change for 1962-72 only due to missing data for 1966-67 for Webster County.

[c] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Governmental Sector

Title: Expenditures by county government in financial administration[d]

Governmental Unit	Year 1961-62	Year 1966-67	Year 1971-72	Analysis of Social Change[c] Percent Change 1962-72	Analysis of Social Change[c] Change in Proportion[b] 1962-72
Carroll County	$ 92,000 (6.8%)[a]	$ 106,000 (5.5%)	$ 181,000 (7.4%)	+96.7%	+0.6%
Total for Region Three	613,000 (4.5%)	705,000 (4.7%)	1,325,000 (4.8%)	+116.2%	+0.3%
Mean County Value	68,000	NA[e]	147,000		
Median County Value	63,000	NA	140,000		
Total for Iowa	7,960,000 (4.9%)	10,901,000 (5.2%)	16,385,000 (5.1%)	+105.9%	+0.2%
Mean County Value	80,000	NA	166,000		

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[a] Figures in parenthesis represent expenditures by county government in financial administration as a percent of total general county expenditures.

[b] Change in proportion represents the change in expenditures by county government in financial administration adjusted for change in the total general county expenditures.

[c] Analysis of social change for 1962-72 only due to missing data for Webster County for 1966-67.

[d] Financial administration activities include the activities of officials and agencies concerned with tax assessment and collection, accounting, auditing, budgeting, purchasing, custody of funds, and other central finance activities.

[e] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Governmental Sector

Title: Expenditures by county governments on general control[d]

Governmental Unit	Year			Analysis of Social Change[c]	
				Percent Change	Change in Proportion[b]
	1961-62	1966-67	1971-72	1962-72	1962-72
Carroll County	$ 101,000 (7.5%)[a]	$ 139,000 (7.2%)	$ 179,000 (7.3%)	+77.2%	-0.2%
Total for Region Three	636,000 (4.6%)	755,000 (5.0%)	1,603,000 (5.8%)	+152.1%	+1.2%
Mean County Value	71,000	NA[e]	178,000		
Median County Value	61,000	NA	160,000		
Total for Iowa	8,506,000 (5.3%)	12,006,000 (5.7%)	18,940,000 (5.9%)	+122.7%	+0.6%
Mean County Value	86,000	NA	191,000		

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[a] Figures in parenthesis represent expenditures by county government on general control as a percent of general county expenditures.

[b] Change in proportion represents the change in expenditures by county government on general control adjusted for change in the general expenditure by county governments.

[c] Analysis of social change for 1962-72 only due to missing data for Webster County for 1966-67.

[d] Expenditures on general control include expenditures on governing bodies, courts, offices of chief executives and central staff services, and expenditures on agencies concerned with such activities as personnel administration, law, recording, planning, and zoning.

[e] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Governmental Sector

Title: Capital outlay of county governments[d]

Governmental Unit	Year			Analysis of Social Change[c]	
	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 59,000 (4.4%)[a]	$ 524,000 (27.3%)	$ 502,000 (20.4%)	+750.9%	+16.0%
Total for **Region Three**	2,566,000 (18.7%)	2,825,000 (18.7%)	4,142,000 (15.1%)	+61.4%	-3.6%
Mean County Value	285,000	NA[e]	460,000		
Median County Value	321,000	NA	453,000		
Total for Iowa	28,682,000 (17.8%)	38,547,000 (18.4%)	41,941,000 (13.1%)	+46.2%	-4.7%
Mean County Value	290,000	NA	424,000		

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[a] Figures in parenthesis represent the capital outlay of county governments as a percent of total general expenditures of the county.

[b] Change in proportion represents the change in capital outlay of county governments adjusted for change in the total general expenditures of the county.

[c] Analysis of social change for 1962-72 only due to missing data for Webster County for 1966-67.

[d] Capital outlay includes direct expenditure for contract or force-account construction, for purchase of equipment (including replacements), and for purchase of land and existing structures. Construction comprises production of fixed works and structures and of additions, replacements, and major alterations, including designs, site improvement, and provision of facilities that are integral parts of a structure.

[e] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Government Sector

Title: Federal outlays (in thousands)[a]

Governmental Unit	Year 1973[b]	Year 1975[b]	Analysis of Social Change Percent Change 1973-75
Carroll County	$ 19,622,000	$ 18,948,000	-3.4%
Total for **Region Three**	199,897,000	182,947,000	-8.5%
Mean County Value	22,211,000	20,327,000	
Median County Value	19,622,000	18,314,000	
Total for Iowa	2,910,767,000	2,958,782,000	+1.6%
Mean County Value	29,402,000	29,887,000	

[a] Represents all outlays of federal funds other than those for which publication would constitute a hazard to the national security. Federal outlays represent the total amount of funds allocated by the executive branch of the federal government to counties. In some instances, the outlays pass through state governments, or their intermediaries, such as prime contractors, before reaching the ultimate recipient.

[b] Fiscal year.

Source: U.S. Department of Commerce, National Technical Information Service.

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Area: Economic Resources
Governmental Sector

Title: Total debt outstanding for county governments[b]

Governmental Unit	Year 1961-62	1966-67	1971-72	Analysis of Social Change[a] Percent Change 1962-72
Carroll County	$ 0	$ 705,000	$ 590,000	%[c]
Total for Region Three	603,000	2,396,000	3,268,000	+442.0%
Mean County Value	67,000	NA[d]	363,000	
Median County Value	23,000	NA	200,000	
Total for Iowa	12,939,000	23,888,000	26,892,000	+107.8%
Mean County Value	131,000	NA	272,000	

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[a] Analysis of social change computed for 1962-72 only due to missing data for 1966-67 for Webster County.

[b] Debt includes all long-term credit obligations of the government and its agencies, and all interest-bearing short-term (i.e., repayable within one year) credit obligations. Figures include judgments, mortgages, and "revenue" bonds, as well as general obligation bonds, notes, and interest-bearing warrants.

[c] Percent change cannot be computed.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Transportation/Communication Sector

Title: Number of automobile registrations

Governmental Unit	Year					Analysis of Social Change Percent Change			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	10,757	11,042	11,554	11,803	11,883	+2.6%	+4.6%	+2.2%	+0.7%
Total for Region Three	94,731	96,202	97,742	99,282	100,285	+1.6%	+1.6%	+1.6%	+1.0%
Mean County Value	10,525.7	10,689.1	10,860.2	11,031.3	11,142.8				
Median County Value	9,078.0	9,169.0	9,272.0	9,233.0	9,296.0				
Total for Iowa	1,416,726	1,442,150	1,473,312	1,497,497	1,528,511	+1.8%	+2.2%	+1.6%	+2.1%
Mean County Value	14,310.4	14,567.2	14,881.9	15,126.2	15,439.5				

Source: Iowa Department of Transportation.

Area: Economic Resources

Transportation/Communication

Title: Occupied housing units with no automobile available

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	502	683	+36.1%	
	(7.6%)[a]	(10.1%)		+2.5%
Total for	6,603	6,447	-2.4%	
Region Three	(10.9%)	(10.8%)		-0.1%
Mean County Value	734	716		
Median County Value	502	489		
Total for Iowa	115,695	107,383	-7.2%	
	(13.8%)	(12.0%)		-1.8%
Mean County Value	1,169	1,085		

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[a] Figures in parenthesis represent occupied housing units with no automobile available as a percent of all occupied housing units.

[b] Change in proportion represents the change in the number of occupied housing units with no automobile available adjusted for change in the total number of occupied housing units.

Source: U.S. Department of Commerce, Census of Housing.

Area: Economic Resources
Transportation/Communication Sector

Title: Expenditures of county governments on highways

				Analysis of Social Change[d]	
	Year			Percent Change	Change in Proportion[b]
Governmental Unit	1962	1967	1972	1962-72	1962-72
Carroll County	$ 688,000 (51.3%)[a]	$ 844,000 (44.0%)	$ 1,042,000 (42.3%)	+51.5%	-9.0%
Total for Region Three	5,795,000 (42.2%)	6,302,000 (41.8%)	9,244,000 (33.6%)	+59.5%	-8.6%
Mean County Value	644,000	NA[c]	1,027,000		
Median County Value	602,000	NA	974,000		
Total for Iowa	70,007,000 (43.4%)	81,394,000 (38.9%)	104,375,000 (32.7%)	+49.1%	-10.7%
Mean County Value	707,000	NA	1,054,000		

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[a] Figures in parenthesis represent expenditure of county government on highways as a percent of the general expenditures allocated by the county government.

[b] Change in proportion represents the change in the expenditure of county governments on highways adjusted for change in the expenditures allocated by the county government for all purposes.

[c] NA: Data not available.

[d] Analysis of social change is for 1962-72 only due to missing data for Webster County for 1966-67.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources

Transportation/Communication Sector

Title: Expenditure of local governments on highways (local governments include county, municipal, and township governments, and school and special districts)[c]

Governmental Unit	Year 1962	Year 1967	Year 1972	Analysis of Social Change: Percent Change 1962-67	Percent Change 1967-72	Change in Proportion[b] 1962-67	Change in Proportion[b] 1967-72
Carroll County	$ 823,000	$ 1,075,000	$ 1,782,000	+30.6%	+65.8%		
	(26.3%)[a]	(24.0%)	(21.9%)			-2.3%	-2.1%
Total for Region Three	7,718,000	8,841,000	13,479,000	+14.6%	+52.5%		
	(21.4%)	(16.2%)	(14.8%)			-5.2%	-1.4%
Mean County Value	858,000	982,000	1,498,000				
Median County Value	790,000	1,000,000	1,277,000				
Total for Iowa	104,144,000	133,286,000	171,363,000	+28.0%	+28.6%		
	(18.4%)	(16.4%)	(12.7%)			-2.0%	-3.7%
Mean County Value	1,052,000	1,346,000	1,731,000				

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[a] Figures in parenthesis represent expenditure of local governments on highways as a percent of the total direct general expenditure allocated for highways.

[b] Change in proportion represents the change in expenditure of local governments on highways adjusted for change in the total direct general expenditure allocated for highways.

Source: U.S. Department of Commerce, Census of Governments.

Area: Economic Resources
Transportation/Communication Sector

Title: Secondary road fund operations, total to account for

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 1,038,072	$ 1,126,301	$ 1,191,856	$ 1,855,355	+8.5%	+5.8%	+55.7%
Total for **Region Three**	9,984,602	10,324,525	10,503,792	13,205,606	+3.4%	+1.7%	+25.7%
Mean County Value	1,109,400	1,147,169	1,167,088	1,467,290			
Median County Value	1,038,072	1,123,410	1,169,962	1,384,913			
Total for Iowa	119,855,578	123,593,837	128,986,060	148,698,271	+3.1%	+4.4%	+15.3%
Mean County Value	1,210,662	1,248,423	1,302,889	1,502,003			

Source: Auditor of State of Iowa, Biennial Report of County Finances.

Area: Economic Resources
Transportation/Communication Sector

Title: Occupied housing units with no television set

	Year		Analysis of Social Change	
Governmental Unit	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	496 (7.5%)[a]	144 (2.1%)	-71.0%	-5.4%
Total for **Region Three**	6,041 (10.0%)	1,470 (2.5%)	-75.7%	-7.5%
Mean County Value	671	163		
Median County Value	569	112		
Total for Iowa	91,124 (10.8%)	32,546 (3.6%)	-64.3%	-7.2%
Mean County Value	920	329		

[a] Figures in parenthesis represent occupied housing units with no television set as a percent of all occupied housing units.

[b] Change in proportion represents the change in the number of occupied housing units with no television set adjusted for change in the total number of occupied housing units.

Source: U.S. Department of Commerce, Census of Housing.

Area: Economic Resources

Transportation/Communication Sector

Title: Occupied housing units with no telephone available

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	416 (6.3%)[a]	319 (4.7%)	-23.3%	-1.6%
Total for Region Three	5,553 (9.2%)	3,410 (5.7%)	-38.6%	-3.5%
Mean County Value	617	379		
Median County Value	526	269		
Total for Iowa	91,127 (10.8%)	58,049 (6.5%)	-36.3%	-4.3%
Mean County Value	920	586		

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[a] Figures in parenthesis represent occupied housing units with no telephone available as a percent of all occupied housing units.

[b] Change in proportion represents the change in the number of occupied housing units with no telephone available adjusted for change in the total number of occupied housing units.

Source: U.S. Department of Commerce, Census of Housing.

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Area: Economic Resources
Agricultural Sector

Title: Number of farms[a]

Governmental Unit	Year 1970	1972	1973	Analysis of Social Change Percent Change 1970-72	1972-73
Carroll County	1,530	1,488	1,456	-2.8%	-2.2%
Total for Region Three	12,016	11,757	11,591	-2.2%	-1.4%
Mean County Value	1,335	1,306	1,288		
Median County Value	1,319	1,300	1,294		
Total for Iowa	135,264	132,610	130,898	-2.0%	-1.3%
Mean County Value	1,366	1,339	1,322		

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[a] A farm is defined as a tract of land of 3 acres or more, used for agricultural purposes and operated by one individual with or without the assistance of family and hired labor.

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Agricultural Sector

Title: Total agricultural land (in acres)

Governmental Unit	Year 1970	1972	1973	Analysis of Social Change: Percent Change 1970-72	1972-73
Carroll County	361,719	360,442	360,407	-0.4%	+0.01%
Total for Region Three	3,204,772	3,201,103	3,203,011	-0.1%	+0.06%
Mean County Value	356,086	355,678	355,890		
Median County Value	359,747	359,856	359,856		
Total for Iowa	33,689,913	33,710,604	33,705,189	+0.06%	-0.02%
Mean County Value	340,302	340,511	340,456		

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

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Area: Economic Resources
Agricultural Sector

Title: Average size of farms (in acres)

Governmental Unit	Year 1970	1972	1973	Analysis of Social Change Percent Change 1970-72	1972-73
Carroll County	236	242	248	+2.5%	+2.5%
Iowa	249	254	257	+2.0%	+1.2%

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Agricultural Sector

Title: Final adjusted taxable value of agricultural land and buildings[a]

	Year		Analysis of Social Change
Governmental Unit	1970	1974	Percent Change 1970-74
Carroll County	$ 36,275,542	$ 38,236,554	+5.4%
Total for Region Three	371,553,441	408,395,552	+9.9%
Mean County Value	41,283,716	45,377,284	
Median County Value	41,857,644	45,548,986	
Total for Iowa	2,945,045,743	3,276,976,581	+11.3%
Mean County Value	29,747,937	33,100,774	

[a] On farms of 10 or more acres.

Source: Iowa Department of Revenue, Taxable Values of Real Personal Property, Including Moneys and Credits (1970 Taxes Collectable in 1971) and 1974 Property Valuation Report for Taxes Levied in 1975 Against the 1974 Assessment.

Area: Economic Resources
Agricultural Sector

Title: Average taxable value per acre of agricultural land and buildings[a]

Governmental Unit	Year 1970	Year 1974	Analysis of Social Change: Percent Change 1970-74
Carroll County	$103.67	$109.73	+5.8%
Iowa	87.38	97.73	+11.8%

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[a] Townships and unincorporated villages only.

Source: Iowa Department of Revenue, Taxable Values of Real Personal Property, Including Moneys and Credits (1970 Taxes Collectable in 1971) and 1974 Property Valuation Report for Taxes Levied in 1975 Against the 1974 Assessment.

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Area: Economic Resources
Agriculture Sector

Title: Value of all agricultural products sold

Governmental Unit	Year		Analysis of Social Change
	1969	1974	Percent Change 1969-74
Carroll County	$ 59,738,000	$ 102,256,000	+71.2%
Total for **Region Three**	371,679,000	743,387,000	+100.0%
Mean County Value	41,298,000	82,599,000	
Median County Value	38,714,000	79,423,000	
Total for Iowa	3,655,512,000	6,276,265,000	+71.7%
Mean County Value	36,924,000	63,397,000	

Source: U.S. Department of Commerce, Census of Agriculture.

Area: Economic Resources
Agricultural Sector

Title: Total farm production expenses

Governmental Unit	Year 1969	Year 1974	Analysis of Social Change: Percent Change 1969-74
Carroll County	$ 47,867,000	$ 77,907,000	+62.8%
Total for **Region Three**	272,796,000	443,467,000	+62.6%
Mean County Value	30,311,000	49,274,000	
Median County Value	27,560,000	45,327,000	
Total for Iowa	2,790,717,000	4,246,195,000	+52.2%
Mean County Value	28,189,000	42,891,000	

Source: U.S. Department of Commerce, Census of Agriculture.

Area: Economic Resources
Agricultural Sector

Title: Farms with sales between $1,000 and $2,500

Governmental Unit	Year 1969	 1974	Analysis of Social Change Percent Change 1969-74	 Change in Proportion[b] 1969-74
Carroll County	$ 34 (2.2%)[a]	$ 66 (4.4%)	+94.1%	+2.2%
Total for Region Three	475 (3.9%)	526 (4.6%)	+10.7%	+0.7%
Mean County Value	52.8	58.4		
Median County Value	40.0	57.0		
Total for Iowa	8,607 (6.5%)	9,427 (7.5%)	+9.5%	+1.0%
Mean County Value	86.9	95.2		

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[a] Figures in parenthesis represent the number of all farms with sales between $1,000 and $2,500 as a percent of the total number of farms.

[b] Change in proportion represents the change in the number of farms with sales between $1,000 and $2,500 adjusted for change in the total number of farms.

Source: U.S. Department of Commerce, Census of Agriculture.

Area: Economic Resources
Agricultural Sector

Title: Corn yield per acre (in bushels)

Governmental Unit	Year 1968	1970	1972	1974	Analysis of Social Change: Percent Change 1968-70	1970-72	1972-74
Carroll County	100	83	111	75	-17.0%	+33.7%	-32.5%
Iowa	92	86	111	80	-6.5%	+29.1%	-27.9%

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Agricultural Sector

Title: Soybean yield per acre (in bushels)

Governmental Unit	Year 1968	1970	1972	1974	Analysis of Social Change: Percent Change 1968-70	1970-72	1972-74
Carroll County	34	32	39	27	-5.9%	+21.9%	-30.8%
Iowa	32	33	36	28	+3.1%	+9.1%	-22.2%

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

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Area: Economic Resources
Agricultural Sector

Title: Number of hogs marketed (in thousands)

Governmental Unit	Year 1968	1970	1972	1974	Analysis of Social Change Percent Change 1968-70	1970-72	1972-74
Carroll County	279.8	299.5	319,3	345.3	+7.0%	+6.6%	+8.1%
Total for Region Three	1,392.8	1,444.8	1,474.5	1,540.1	+3.7%	+2.1%	+4.4%
Mean County Value	154.8	160.5	163.8	171.1			
Median County Value	149.8	146.0	140.6	145.4			
Total for Iowa	17,329.1	17,894.9	17,781.4	18,987.0	+3.3%	-0.6%	+6.8%
Mean County Value	175.0	180.8	179.6	191.8			

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Agricultural Sector

Title: Number of grain-fed cattle marketed (in thousands)

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1968	1970	1972	1974	1968-70	1970-72	1972-74
Carroll County	100.2	110.5	104.8	80.9	+10.3%	-5.2%	-22.8%
Total for Region Three	423.0	401.0	372.9	253.0	-5.2%	-7.0%	-32.2%
Mean County Value	47.0	44.6	41.4	28.1			
Median County Value	45.8	39.8	39.0	23.1			
Total for Iowa	4,164.7	3,999.7	3,736.0	3,097.0	-4.0%	-6.6%	-17.1%
Mean County Value	42.1	40.4	37.7	31.3			

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Agricultural Sector

Title: Number of grain-fed sheep and lambs marketed (in thousands)

	Year			Analysis of Social Change	
				Percent Change	
Governmental Unit	1968	1970	1973	1968-70	1970-73
Carroll County	2.5	1.8	1.4	-28.0%	-22.2%
Total for Region Three	64.5	70.4	40.4	+9.1%	-42.6%
Mean County Value	7.2	7.8	4.5		
Median County Value	5.7	5.7	3.7		
Total for Iowa	600.1	563.0	385.5	-6.2%	-31.6%
Mean County Value	6.1	5.7	3.9		

Source: Iowa Department of Agriculture, Iowa Annual Farm Census.

Area: Economic Resources
Commercial/Industrial Sector

Title: Final adjusted taxable value of industrial and manufacturing land[a]

Governmental Unit	Year 1970	Year 1974	Analysis of Social Change: Percent Change 1970-74
Carroll County	$ 1,319,538	$ 2,263,085	+71.5%
Total for Region Three	16,139,339	18,656,577	+15.6%
Mean County Value	1,793,260	2,072,953	
Median County Value	1,020,476	1,409,056	
Total for Iowa	370,507,877	459,315,946	+24.0%
Mean County Value	3,742,504	4,639,555	

[a] Also includes plants, lots and buildings, and machinery assessed as real estate.

Source: Iowa Department of Revenue, Taxable Values of Real Personal Property, Including Moneys and Credits (1970 Taxes Collectable in 1971) and 1974 Property Valuation Report for Taxes Levied in 1975 Against the 1974 Assessment.

Area: Economic Resources
Commercial/Industrial Sector

Title: Number of wholesale trade units (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	42 (7.2%)[a]	40 (6.9%)	41 (7.1%)	45 (7.6%)	-4.8%	+2.5%	+9.8%	-0.3%	+0.2%	+0.5%
Total for Region Three	327 (7.9%)	314 (7.7%)	307 (7.5%)	308 (7.9%)	-4.0%	-2.2%	+0.3%	-0.2%	-0.2%	+0.4%
Mean County Value	36	35	34	34						
Median County Value	26	[illegible]	24	25						
Total for Iowa	4,937 (8.6%)	4,851 (8.5%)	4,806 (8.4%)	4,699 (8.1%)	-1.8%	-0.9%	-2.2%	-0.1%	-0.1%	-0.3%
Mean County Value	50	49	49	47						

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[a] Figures in parenthesis represent the number of wholesale trade units as a percent of total number of commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in the number of wholesale trade units adjusted for change in the total number of commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources

Commercial/Industrial Sector

Title: Number of retail trade units (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	247 (42.1%)[a]	239 (41.1%)	233 (40.0%)	288 (38.7%)	-3.2%	-2.5%	-2.2%	-1.0%	-1.1%	-1.3%
Total for Region Three	1,590 (38.4%)	1,540 (37.9%)	1,545 (37.9%)	1,571 (40.0%)	-3.2%	+0.3%	+1.7%	-0.5%	0.0%	+2.1%
Mean County Value	177	171	172	175						
Median County Value	155	151	154	160						
Total for Iowa	19,939 (34.7%)	19,657 (34.5%)	19,648 (34.4%)	19,734 (34.0%)	-1.4%	-0.05%	+0.4%	-0.2%	-0.1%	-0.4%
Mean County Value	201	199	198	199						

[a] Figures in parenthesis represent the number of retail trade units as a percent of total number of commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in number of retail trade units adjusted for change in the total number of commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources
Commercial/Industrial Sector

Title: Retail sales (in thousands of dollars)

Governmental Unit	Year 1960	1965	1970	1974	Analysis of Social Change: Percent Change 1960-65	1965-70	1970-74
Carroll County	$ 35,870	$ 41,151	$ 60,718	$ 48,604	+14.7%	+47.6%	-20.0%
Total for Region Three	266,493	309,134	406,376	419,635	+16.0%	+31.5%	+3.3%
Mean County Value	29,610	34,348	45,153	46,626			
Median County Value	28,192	30,292	43,355	31,677			
Total for Iowa	3,625,524	4,221,702	5,681,253	6,713,293	+16.4%	+34.6%	+18.2%
Mean County Value	36,621	42,643	57,386	67,811			

Source: Sales Management Inc., Sales Management, The Marketing Magazine.

Area: Economic Resources
Commercial/Industrial Sector

Title: Taxable payroll of retail trade units (as of March 15)

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change: Percent Change 1970-71	1971-72	1972-73	Change in Proportion[b] 1970-71	1971-72	1972-73
Carroll County	$ 1,222,000 (28.1%)[a]	$ 1,320,000 (28.5%)	$ 1,305,000 (26.6%)	$ 1,422,000 (24.9%)	+8.0%	-1.1%	+9.0%	+0.4%	-1.9%	-1.7%
Total for Region Three	9,336,000 (19.6%)	9,856,000 (20.2%)	10,363,000 (19.9%)	11,651,000 (21.0%)	+5.6%	+5.2%	+12.4%	+0.6%	-0.3%	+1.1%
Mean County Value	1,037,333	1,095,111	1,151,444	1,294,556						
Median County Value	679,000	717,000	785,000	874,000						
Total for Iowa	154,448,000 (15.7%)	160,198,000 (15.9%)	171,669,000 (15.2%)	193,768,000 (15.1%)	+3.7%	+7.2%	+12.9%	+0.2%	-0.7%	-0.1%
Mean County Value	1,560,081	1,618,162	1,734,030	1,957,253						

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[a] Figures in parenthesis represent taxable payrolls of retail trade units as a percent of total taxable payrolls of all commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in taxable payrolls of retail trade units adjusted for change in the total taxable payrolls of all commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Busienss Patterns.

Area: Economic Resources
Commercial/Industrial Sector

Title: Number of service sector units (as of March 15)

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	126	130	136	139	+3.2%	+4.6%	+2.2%			
	(21.5%)[a]	(22.3%)	(23.4%)	(23.6%)				+0.8%	+1.1%	+0.2%
Total for Region Three	992	990	1,002	990	-0.2%	+1.2%	-1.2%			
	(24.0%)	(24.3%)	(24.6%)	(25.2%)				+0.3%	+0.3%	-0.6%
Mean County Value	110	110	111	110						
Median County Value	93	95	92	85						
Total for Iowa	14,413	14,442	14,632	14,732	+0.2%	+1.3%	+0.7%			
	(25.1%)	(25.3%)	(25.6%)	(25.4%)				+0.2%	+0.3%	-0.2%
Mean County Value	146	146	148	149						

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[a] Figures in parenthesis represent number of service sector units as a percent of the total number of commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in the number of service sector units adjusted for change in the total number of commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources

Commercial/Industrial Sector

Title: Taxable payroll of service sector units (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	$ 808,000 (18.6%)[a]	$ 926,000 (20.0%)	$ 985,000 (20.1%)	$ 1,020,000 (17.8%)	+14.6%	+6.4%	+3.6%	+1.4%	+0.1%	-2.3%
Total for Region Three	5,162,000 (10.8%)	5,608,000 (11.5%)	6,037,000 (11.6%)	6,516,000 (11.7%)	+8.6%	+7.7%	+7.9%	+0.7%	+0.1%	+0.1%
Mean County Value	573,556	623,111	670,778	724,000						
Median County Value	269,000	321,000	264,000	385,000						
Total for Iowa	119,346,000 (12.1%)	128,353,000 (12.7%)	140,263,000 (12.4%)	157,476,000 (12.3%)	+7.6%	+9.3%	+12.3%	+0.6%	-0.3%	-0.1%
Mean County Value	1,205,515	1,296,495	1,416,798	1,590,667						

[a] Figures in parenthesis represent taxable payroll of service sector units as a percent of total taxable payroll of all commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in taxable payrolls of service sector units adjusted for change in the total taxable payrolls of all commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources

Commercial/Industrial Sector

Title: Taxable payroll of financial sector units (as of March 15)

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	$ 308,000 (7.1%)[a]	$ 303,000 (6.5%)	$ 340,000 (7.0%)	$ 391,000 (6.8%)	-1.6%	+12.2%	+15.0%	-0.6%	+0.5%	-0.2%
Total for Region Three	2,563,000 (5.4%)	2,698,000 (5.5%)	2,945,000 (5.7%)	3,271,000 (5.9%)	+5.3%	+9.2%	+11.1%	+0.1%	+0.2%	+0.2%
Mean County Value	284,778	299,778	327,222	363,444						
Median County Value	191,000	203,000	232,000	269,000						
Total for Iowa	65,723,000 (6.7%)	69,824,000 (6.9%)	77,287,000 (6.9%)	85,981,000 (6.7%)	+6.2%	+10.7%	+11.3%	+0.2%	0.0%	-0.2%
Mean County Value	663,869	705,293	780,677	868,495						

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[a] Figures in parenthesis represent taxable payroll of financial sector units as a percent of total taxable payrolls of all commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in taxable payrolls of financial sector units adjusted for change in the total taxable payrolls of all commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources

Commercial/Industrial Sector

Title: Taxable payroll of contract construction units (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	$ 303,000 (7.0%)[a]	$ 311,000 (6.7%)	$ 334,000 (6.8%)	$ 437,000 (7.6%)	+2.6%	+7.4%	+30.8%	-0.3%	+0.1%	+0.8%
Total for Region Three	2,817,000 (5.9%)	2,710,000 (5.6%)	2,594,000 (5.0%)	3,229,000 (5.8%)	-3.8%	-4.3%	+24.5%	-0.3%	-0.6%	+0.8%
Mean County Value	313,000	301,111	288,222	358,778						
Median County Value	232,000	211,000	220,000	232,000						
Total for Iowa	59,642,000 (6.1%)	58,230,000 (5.8%)	68,342,000 (6.1%)	76,732,000 (6.0%)	-2.4%	+17.4%	+12.3%	-0.3%	+0.3%	-0.1%
Mean County Value	602,444	588,182	690,323	775,071						

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[a] Figures in parenthesis represent taxable payrolls of contract construction units as a percent of total taxable payrolls of all commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in the taxable payrolls of contract construction units adjusted for change in the total taxable payroll for all commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Economic Resources

Commercial/Industrial Sector

Title: Taxable payroll of manufacturing units (as of March 15)

	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	$ 573,000 (13.2%)[a]	$ 507,000 (10.9%)	$ 503,000 (10.3%)	$ 791,000 (13.8%)	-11.5%	-0.8%	+57.3%	-2.3%	-0.6%	+3.5%
Total for Region Three	17,695,000 (37.1%)	16,330,000 (33.5%)	17,820,000 (34.3%)	18,821,000 (33.9%)	-7.7%	+9.1%	+5.6%	-3.6%	+0.8%	-0.4%
Mean County Value	1,966,111	1,814,444	1,980,000	2,091,222						
Median County Value	799,000	662,000	810,000	1,108,000						
Total for Iowa	413,996,000 (42.0%)	408,546,000 (40.5%)	468,037,000 (41.5%)	545,064,000 (42.5%)	-1.3%	+14.6%	+16.5%	-1.5%	+1.0%	+1.0%
Mean County Value	4,181,778	4,126,727	4,727,646	5,505,697						

[a] Figures in parenthesis represent the taxable payroll of manufacturing units as a percent of the total taxable payroll for all commercial, industrial, and agricultural units.

[b] Change in proportion represents the change in the taxable payroll of manufacturing units adjusted for the change in the total taxable payroll for all commercial, industrial, and agricultural units.

Source: U.S. Department of Commerce, County Business Patterns.

CHAPTER 5:

EMPLOYMENT

Financial Resources

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Area: Employment

Status of Social Well-Being

Title: Annual average resident civilian labor force[a]

Governmental Unit	Year					Analysis of Social Change Percent Change			
	1970	1971	1972	1973	1974	1970-71	1971-72	1972-73	1973-74
Carroll County	9,290	9,230	9,340	10,100	10,390	-0.6%	+1.2%	+8.1%	+2.9%
Iowa[b]	1,200,200	1,218,400	1,258,200	1,289,900	1,306,800	+1.5%	+3.3%	+2.5%	+1.3%

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[a] Includes employed and unemployed individuals. Establishment employment (place of work) data is adjusted for commuting, multiple job holding, and unpaid absence patterns.

[b] Data for the state is rounded to the nearest hundred.

Source: Research and Statistics Department of the Iowa Employment Security Commission.

Area: Employment
Status of Social Well-Being

Title: Annual average resident civilian labor force, employed[a]

Governmental Unit	Year 1970	1971	1972	1973	1974	Analysis of Social Change: Percent Change 1970-71	1971-72	1972-73	1973-74
Carroll County	8,910	8,850	8,910	9,760	9,990	-0.7%	+0.7%	+9.5%	+2.4%
Iowa[b]	1,155,700	1,167,300	1,213,400	1,253,000	1,267,600	+1.0%	+3.9%	+3.3%	+1.2%

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[a] Includes nonagricultural wage and salary; self-employed, unpaid family, and domestic workers; and agriculture.

[b] Rounded to the nearest hundred.

Source: Research and Statistics Department of the Iowa Employment Security Commission.

Area: Employment

Status of Social Well-Being

Title: Number of wholesale trade employees (as of March 15)

	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	278 (7.1%)[a]	286 (7.2%)	304 (7.7%)	354 (8.0%)	+2.9%	+6.3%	+16.5%	+0.1%	+0.5%	+0.3%
Total for Region Three	2,929 (8.0%)	2,966 (8.3%)	2,802 (7.7%)	2,571 (6.9%)	+1.3%	-5.5%	-8.3%	+0.3%	-0.6%	-0.8%
Mean County Value	325	330	311	286						
Median County Value	212	213	244	207						
Total for Iowa	49,656 (7.4%)	49,453 (7.5%)	49,447 (7.2%)	51,097 (7.0%)	-0.4%	-0.02%	+3.3%	+0.1%	-0.3%	-0.2%
Mean County Value	502	500	499	516						

[a] Figures in parenthesis represent the number of wholesale trade employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of wholesale trade employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment
Status of Social Well-Being

Title: Number of retail trade employees (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	1,355 (34.5%)[a]	1,404 (35.3%)	1,309 (33.3%)	1,364 (30.8%)	+3.6%	-6.8%	+4.2%	+0.8%	-2.0%	-2.5%
Total for Region Three	10,086 (27.6%)	10,188 (28.5%)	10,200 (28.2%)	10,946 (29.2%)	+1.0%	+0.1%	+7.3%	+0.9%	-0.3%	+1.0%
Mean County Value	1,121	1,132	1,133	1,216						
Median County Value	782	803	841	844						
Total for Iowa	161,832 (24.0%)	160,859 (24.4%)	164,608 (24.1%)	176,032 (24.1%)	-0.6%	+2.3%	+6.9%	+0.4%	-0.3%	0.0%
Mean County Value	1,635	1,625	1,663	1,778						

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[a] Figures in parenthesis represent the number of retail trade employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of retail trade employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment

Status of Social Well-Being

Title: Number of financial sector employees (as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	204 (5.2%)[a]	194 (4.9%)	206 (5.2%)	205 (4.6%)	-4.9%	+6.2%	-0.5%	-0.3%	+0.3%	-0.6%
Total for Region Three	1,777 (4.9%)	1,783 (5.0%)	1,876 (5.2%)	1,918 (5.1%)	+0.3%	+5.2%	+2.2%	+0.1%	+0.2%	-0.1%
Mean County Value	197	198	208	213						
Median County Value	139	137	152	163						
Total for Iowa	43,194 (6.4%)	43,108 (6.5%)	44,924 (6.6%)	46,640 (6.4%)	-0.2%	+4.2%	+3.8%	+0.1%	+0.1%	-0.2%
Mean County Value	436	435	454	471						

[a] Figures in parenthesis represent the number of financial sector employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of financial sector employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment

Status of Social Well-Being

Title: Number of service sector employees (as of March 15)

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change: Percent Change 1970-71	1971-72	1972-73	Change in Proportion[b] 1970-71	1971-72	1972-73
Carroll County	1,012 (25.7%)[a]	1,067 (26.9%)	1,071 (27.2%)	1,200 (27.1%)	+5.4%	+0.4%	+12.1%	+1.2%	+0.3%	-0.1%
Total for Region Three	6,546 (17.9%)	6,694 (18.7%)	7,026 (19.4%)	7,100 (18.9%)	+2.3%	+5.0%	+1.1%	+0.8%	+0.7%	-0.5%
Mean County Value	727	744	781	789						
Median County Value	417	430	366	481						
Total for Iowa	121,861 (18.1%)	125,210 (19.0%)	130,574 (19.1%)	138,084 (18.9%)	+2.7%	+4.3%	+5.8%	+0.9%	+0.1%	-0.2%
Mean County Value	1,231	1,265	1,319	1,395						

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[a] Figures in parenthesis represent the number of service sector employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of service sector employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment

Status of Social Well-Being

Title: Number of contract construction employees (as of March 15)

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	247	256	232	267	+3.7%	-9.4%	+15.1%			
	(6.3%)[a]	(6.5%)	(5.9%)	(6.0%)				+0.2%	-0.6%	+0.1%
Total for Region Three	1,887	1,761	1,672	1,813	-6.7%	-5.1%	+8.4%			
	(5.2%)	(4.9%)	(4.6%)	(4.8%)				-0.3%	-0.3%	+0.2%
Mean County Value	210	196	186	201						
Median County Value	136	123	131	141						
Total for Iowa	33,452	30,823	32,934	34,293	-7.9%	+6.9%	+4.1%			
	(5.0%)	(4.7%)	(4.8%)	(4.7%)				-0.3%	+0.1%	-0.1%
Mean County Value	338	311	333	346						

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[a] Figures in parenthesis represent the number of contract construction workers as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of contract construction workers adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

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Area: Employment

Status of Social Well-Being

Title: Number of agricultural employees (employed in agricultural service activities as of March 15)

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	53 (1.4%)[a]	48 (1.2%)	42 (1.1%)	45 (1.0%)	-9.4%	-12.5%	+7.2%	-0.2%	-0.1%	+0.1%
Total for Region Three	NA[c]	NA	NA	NA						
Mean County Value	NA	NA	NA	NA						
Median County Value	NA	NA	NA	NA						
Total for Iowa	3,499 (0.5%)	3,184 (0.5%)	3,086 (0.5%)	2,944 (0.4%)	-9.0%	-3.1%	-4.6%	0.0%	0.0%	-0.1%
Mean County Value	35	32	31	30						

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[a] Figures in parenthesis represent the number of agricultural employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of agricultural employees adjusted for change in the total number of employees.

[c] NA: Data not available.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment

Status of Social Well-Being

Title: Number of manufacturing employees (as of March 15)

	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
Carroll County	380	313	323	476	-17.6%	+3.2%	+47.4%			
	(9.7%)[a]	(7.9%)	(8.2%)	(10.8%)				-1.8%	-0.3%	+2.6%
Total for Region Three	9,982	8,762	8,878	9,292	-12.2%	+1.3%	+4.7%			
	(27.3%)	(24.5%)	(24.5%)	(24.8%)				-2.8%	+0.0%	+0.3%
Mean County Value	1,109	974	986	1,032						
Median County Value	544	433	512	611						
Total for Iowa	214,029	199,511	208,609	227,710	-6.8%	+4.6%	+9.2%			
	(31.7%)	(30.2%)	(30.5%)	(31.2%)				-1.5%	+0.3%	+0.7%
Mean County Value	2,162	2,015	2,107	2,300						

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[a] Figures in parenthesis represent the number of manufacturing employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of manufacturing employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

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Area: Employment

Status of Social Well-Being

Title: Number of transportation and public utilities employees (as of March 15)

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change: Percent Change 1970-71	1971-72	1972-73	Change in Proportion[b] 1970-71	1971-72	1972-73
Carroll County	378 (9.6%)[a]	403 (10.1%)	443 (11.3%)	461 (10.4%)	+6.6%	+9.9%	+4.1%	+0.5%	+1.2%	-0.9%
Total for Region Three	2,637 (7.2%)	2,909 (8.1%)	2,976 (8.2%)	3,006 (8.0%)	+10.3%	+2.3%	+1.0%	+0.9%	+0.1%	-0.2%
Mean County Value	293	323	331	334						
Median County Value	165	180	181	191						
Total for Iowa	39,305 (5.8%)	39,341 (6.0%)	40,913 (6.0%)	42,516 (5.8%)	+0.1%	+4.0%	+3.9%	+0.2%	0.0%	-0.2%
Mean County Value	397	397	413	429						

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[a] Figures in parenthesis represent the number of transportation and public utilities employees as a percent of the total number of employees (excluding government employees, self-employed persons, farm workers, and domestic service workers).

[b] Change in proportion represents the change in the number of transportation and public utilities employees adjusted for change in the total number of employees.

Source: U.S. Department of Commerce, County Business Patterns.

Area: Employment

Status of Social Well-Being

Title: Number of local government employees (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1962	1967	1972	Analysis of Social Change: Percent Change 1962-67	1967-72
Carroll County	565	582	617	+3.0%	+6.0%
Total for Region Three	6,390	7,110	8,213	+11.3%	+15.5%
Mean County Value	710.0	790.0	912.6		
Median County Value	593.0	717.0	744.0		
Total for Iowa	82,562	99,177	116,125	+20.1%	+17.1%
Mean County Value	834.0	1,001.8	1,173		

Source: U.S. Department of Commerce, Census of Governments.

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Area: Employment

Status of Social Well-Being

Title: Number of workers working in county of residence

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	7,275 (91.6%)[a]	7,232 (88.0%)	-0.6%	-3.6%
Total for **Region Three**	61,052 (90.2%)	57,612 (84.0%)	-5.6%	-6.2%
Mean County Value	6,784	6,401		
Median County Value	6,039	5,082		
Total for Iowa	890,911 (89.2%)	900,751 (83.2%)	+1.1%	-6.0%
Mean County Value	8,999	9,098		

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[a] Figures in parenthesis represent the number of workers working in county of residence as a percent of the total number of workers in the county.

[b] Change in proportion represents the change in the number of workers working in county of residence adjusted for change in the total number of workers in the county.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Employment

Status of Social Well-Being

Title: Total number of persons needing employment services (estimated)[a]

Governmental Unit	Year 1973	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1973-74	Analysis of Social Change: Percent Change 1974-75
Carroll County	2,581	2,124	2,382	-17.7%	+12.1%
Total for **Region Three**	20,584	18,469	NA[b]	-10.3%	NA
Mean County Value	2,287.1	2,052.1	NA		
Median County Value	1,811.0	1,607.0	NA		
Total for Iowa	320,163	274,455	NA	-14.3%	NA
Mean County Value	3,234.0	2,772.3	NA		

[a] Estimated by the manpower administration's "Universe of Need" method.

[b] NA: Data not available.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

Area: Employment

Status of Social Well-Being

Title: Number of persons below poverty level needing employment services (estimated)[a]

Governmental Unit	Year 1973	1974	1975	Analysis of Social Change: Percent Change 1973-74	1974-75
Carroll County	**1,075**	**391**	**491**	**-63.6%**	**+25.6%**
Total for **Region Three**	**8,381**	**3,278**	**NA**[b]	**-60.9%**	**NA**
Mean County Value	931.2	364.2	NA		
Median County Value	760.0	296.0	NA		
Total for Iowa	121,902	49,075	NA	-59.7%	NA
Mean County Value	1,231.3	495.7	NA		

[a] Estimated by the manpower administration's "Universe of Need" method.

[b] NA: Data not available.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

Area: Employment

Status of Social Well-Being

Title: Welfare recipients needing employment services (estimated)[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	51	94	+84.3%
Total for **Region Three**	713	1,331	+86.7%
Mean County Value	79.2	147.9	
Median County Value	51.0	94.0	
Total for Iowa	12,300	23,887	+94.2%
Mean County Value	124.2	241.3	

[a] Estimated by the manpower administration's "Universe of Need" method.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

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Area: Employment

Status of Social Well-Being

Title: Veterans needing employment services (estimated)[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	257	147	-42.8%
Total for **Region Three**	2,400	2,269	-5.5%
Mean County Value	226.7	252.1	
Median County Value	223.0	128.0	
Total for Iowa	37,000	38,193	+3.2%
Mean County Value	373.7	385.8	

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[a] Estimated by the manpower administration's "Universe of Need" method.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

Area: Employment

Status of Social Well-Being

Title: Minorities needing employment services (estimated)[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	5	8	+60.0%
Total for Region Three	222	185	-16.7%
Mean County Value	24.7	20.6	
Median County Value	5.0	7.0	
Total for Iowa	9,408	3,390	-64.0%
Mean County Value	95.0	34.2	

[a] Estimated by the manpower administration's "Universe of Need" method.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

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Area: Employment

Status of Social Well-Being

Title: Number of disadvantaged persons whose labor is underutilized (estimated)[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	231	332	**+43.7%**
Total for **Region Three**	**1,943**	**2,209**	**+13.7%**
Mean County Value	**215.9**	**245.4**	
Median County Value	**175.0**	**198.0**	
Total for Iowa	28,705	33,338	+16.1%
Mean County Value	289.9	336.7	

[a] Underutilized as defined by the Iowa Employment Security Commission are persons who are: (1) employed part-time for economic reasons, (2) employed full-time but with family income at or below poverty, and (3) not in the labor force but should be.

Source: Iowa Employment Security Commission, Annual Manpower Planning Report.

Area: Employment

Status of Social Well-Being

Title: Number of reported work-related disabling injuries

Governmental Unit	Year 1971	1972	1973	1974	Analysis of Social Change: Percent Change 1971-72	1972-73	1973-74
Carroll County	25	64	67	84	+156.0%	+4.7%	+25.4%
Total for **Region Three**	423	659	826	920	+55.8%	+25.3%	+11.4%
Mean County Value	47.0	73.2	91.8	102.2			
Median County Value	22.0	41.0	49.0	67.0			
Total for Iowa	8,967	12,683	14,145	16,134	+41.4%	+11.5%	+14.1%
Mean County Value	90.6	128.1	142.9	163.0			

Source: Iowa Bureau of Labor, Biennial Report.

CHAPTER 6:
INCOME

Financial Resources

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Area: Income

Financial Resources

Title: Expenditures of county governments on public welfare

Governmental Unit	Year			Analysis of Social Change	
	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 112,000 (8.3%)[a]	$ 149,000 (7.8%)	$ 229,000 (9.3%)	+104.5%	+1.0%
Total for Region Three	1,482,000 (10.8%)	1,182,000 (7.8%)	2,602,000 (9.5%)	+75.6%	-1.3%
Mean County Value	165,000	NA[c]	289,000		
Median County Value	117,000	NA	170,000		
Total for Iowa	20,325,000 (12.6%)	24,047,000 (11.5%)	38,101,000 (11.9%)	+87.5%	-0.7%
Mean County Value	205,000	NA	385,000		

[a] Figures in parenthesis represent expenditures of county governments on public welfare as a percent of total general expenditures of the county.

[b] Change in proportion represents the change of expenditures of county governments on public welfare adjusted for change in the total general expenditures of the county.

[c] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Income

Financial Resources

Title: Total federal, state, and county funds for county benefit payments and administrative expenses[a,b]

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change: Percent Change 1971-72	1972-73	1973-74	1974-75
Carroll County	$ 634,011	$ 724,228	$ 668,452	$ 497,754	$ 591,657	+14.2%	-7.7%	-25.5%	+18.9%
Total for Region Three	7,837,983	8,443,113	7,457,089	6,118,484	7,580,399	+7.7%	-11.7%	-18.0%	+23.9%
Mean County Value	870,887	938,124	828,565	679,832	842,267				
Median County Value	634,011	724,228	653,863	464,787	551,814				
Total for Iowa	122,473,015	133,426,287	125,189,996	142,991,056	182,443,440	+8.9%	-6.2%	+14.2%	+27.6%
Mean County Value	1,237,101	1,347,740	1,264,545	1,444,354	1,842,863				

[a] Dollar figures represent funds for the respective fiscal year ending June 30.

[b] State total includes dollars allocated by regional offices of the State Department of Social Services.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Financial Resources

Title: Federal and state funds for county benefit payments and administrative expenses[c,d]

						Analysis of Social Change							
	Year					Percent Change				Change in Proportion[b]			
Governmental Unit	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 591,606 (93.3%)[a]	$ 673,671 (93.0%)	$ 612,742 (91.7%)	$ 468,987 (94.2%)	$ 587,451 (99.3%)	+13.9%	-9.0%	-23.5%	+25.3%	-0.3%	-1.3%	+2.5%	+5.1%
Total for Region Three	7,002,470 (89.3%)	7,560,045 (89.5%)	6,583,060 (88.3%)	5,658,485 (92.5%)	7,542,668 (99.5%)	+8.0%	-12.9%	-14.0%	+33.3%	+0.2%	-1.2%	+4.2%	+7.0%
Mean County Value	778,052	840,005	731,451	628,721	838,074								
Median County Value	591,606	664,559	576,298	426,769	587,451								
Total for Iowa	107,696,391 (87.9%)	117,571,885 (88.1%)	109,248,429 (87.3%)	134,421,309 (94.0%)	181,820,925 (99.7%)	+9.2%	-7.1%	+23.0%	+35.3%	+0.2%	-0.8%	+6.7%	+5.7%
Mean County Value	1,087,842	1,187,595	1,103,519	1,357,791	1,836,575								

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[a] Figures in parenthesis represent federal and state funds for county benefit payments and administrative expenses as a percent of the total funds for county benefit payments and administrative expenses.

[b] Change in proportion represents the change in federal and state funds for benefit payments and administrative expenses adjusted for change in the total county funds for benefit payments and administrative expenses.

[c] Dollar figures represent funds for the respective fiscal year ending June 30.

[d] State total includes dollars allocated to the district offices of the State Department of Social Services.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Financial Resources

Title: County funds used for county benefit payments and administrative expenses[c,d]

	Year					Analysis of Social Change							
						Percent Change				Change in Proportion[b]			
Governmental Unit	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 42,806 (6.8%)[a]	$ 50,557 (7.0%)	$ 55,710 (8.3%)	$ 28,767 (5.8%)	$ 4,206 (0.7%)	+19.2%	+10.2%	-48.4%	-85.4%	+0.2%	+1.3%	-2.5%	-5.1%
Total for Region Three	835,516 (10.7%)	883,068 (10.5%)	873,931 (11.7%)	459,997 (7.5%)	37,731 (0.5%)	+5.7%	-1.0%	-47.4%	-91.8%	-0.2%	+1.2%	-4.2%	-7.0%
Mean County Value	92,833	98,119	97,103	51,111	4,192								
Median County Value	55,913	55,636	55,710	30,703	2,985								
Total for Iowa	14,776,624 (12.1%)	15,854,402 (11.9%)	15,941,566 (12.7%)	8,569,747 (6.0%)	622,514 (0.3%)	+7.3%	+0.6%	-46.2%	-92.7%	-0.2%	+0.8%	-6.7%	-5.7%
Mean County Value	149,259	160,145	161,026	86,563	6,288								

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[a] Figures in parenthesis represent county funds for benefit payments and administrative expenses as a percent of total federal, state, and county funds for county benefit payments and administrative expenses.

[b] Change in proportion represents the change in county funds for benefit payments and administrative expenses adjusted for change in the total funds for county benefit payments and administrative expenses.

[c] Dollar figures represent payments for the respective fiscal year ending June 30.

[d] State total includes dollars allocated by regional offices of the State Department of Social Services.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income
Financial Resources

Title: Total county administrative expenses for food stamps and county relief programs[c]

Governmental Unit	Year					Analysis of Social Change							
						Percent Change				Change in Proportion[b]			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 1,420 (4.2%)[a]	$ 557 (1.6%)	$ 1,366 (3.2%)	$ 1,703 (2.9%)	$ 4,850 (4.3%)	-60.8%	+145.2%	+24.7%	+184.8%	-2.6%	+1.6%	-0.3%	+1.4%
Total for Region Three	39,765 (7.7%)	44,650 (7.3%)	44,863 (6.5%)	49,707 (5.8%)	56,512 (5.0%)	+12.3%	+0.5%	+10.8%	+13.7%	-0.4%	-0.8%	-0.7%	-0.8%
Mean County Value	4.418	4,961	4,985	5,523	6,279								
Median County Value	4,536	4,539	3,436	2,487	3,415								
Total for Iowa	1,084,638 (12.5%)	1,184,172 (10.7%)	897,756 (6.8%)	914,279 (5.6%)	956,215 (4.6%)	+9.2%	-24.2%	+1.8%	+4.6%	-1.8%	-3.9%	-1.2%	-1.0%
Mean County Value	10,956	11,961	9,068	9,235	9,659								

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[a] Figures in parenthesis represent county administrative expenses for food stamps and county relief programs as a percent of total county administrative expenses for assistance programs.

[b] Change in proportion represents the change in county administrative expenses for food stamps and county relief programs adjusted for change in the total county administrative expenses for selected assistance programs (i.e., expenses for homemakers, categorical assistance, and county relief programs).

[c] Dollar figures represent payments for the respective fiscal year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income
Financial Resources

Title: Total social security program payments to or on behalf of recipients[a]

Governmental Unit	Year					Analysis of Social Change			
						Percent Change			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 599,958	$ 688,514	$ 620,827	$ 427,761	$ 478,734	+14.8%	-9.8%	-31.1%	+11.9%
Total for Region Three	7,182,172	7,704,631	6,543,881	5,032,365	6,457,253	+7.3%	-15.1%	-23.1%	+28.3%
Mean County Value	798,019	856,070	727,098	559,152	717,473				
Median County Value	599,958	679,997	576,519	366,019	478,734				
Total for Iowa	110,537,697	119,596,074	107,130,246	91,115,027	119,022,350	+8.2%	-10.4%	-14.9%	+30.6%
Mean County Value	1,116,542	1,208,041	1,082,124	920,354	1,202,246				

[a] Dollar figures represent payments for the respective fiscal year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income
Financial Resources

Title: Payments to or on behalf of recipients in social security programs: Medical Assistance[c]

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change: Percent Change 1971-72	1972-73	1973-74	1974-75	Change in Proportion[b] 1971-72	1972-73	1973-74	1974-75
Carroll County	$ 101,825 (17.0%)[a]	$ 116,792 (17.0%)	$ 152,039 (24.5%)	$ 162,433 (38.0%)	$ 219,333 (45.8%)	+14.7%	+30.2%	+6.8%	+35.0%	0.0%	+7.5%	+13.5%	+7.8%
Total for Region Three	1,456,691 (20.3%)	1,529,977 (19.9%)	1,532,346 (23.4%)	1,569,290 (31.2%)	2,242,989 (34.7%)	+5.0%	+0.2%	+2.4%	+42.9%	-0.4%	+3.5%	+7.8%	+3.5%
Mean County Value	161,855	169,997	170,261	174,366	249,221								
Median County Value	102,107	124,495	123,448	127,679	168,838								
Total for Iowa	22,899,590 (20.7%)	24,771,175 (20.7%)	25,577,421 (23.9%)	27,567,490 (30.3%)	39,492,303 (33.2%)	+8.2%	+3.3%	+7.8%	+43.3%	0.0%	+3.2%	+6.4%	+2.9%
Mean County Value	231,309	250,214	258,358	278,459	398,912								

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[a] Figures in parenthesis represent payments for Medical Assistance as a percent of total social security payments.

[b] Change in proportion represents the change in payments for Medical Assistance adjusted for change in the total social security program payments.

[c] Dollar figures represent payments for the respective fiscal year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Financial Resources

Title: Payments to or on behalf of recipients in social security programs: Aid to Dependent Children[c]

Governmental Unit	Year					Analysis of Social Change							
						Percent Change				Change in Proportion[b]			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 155,900 (26.0%)[a]	$ 194,434 (28.2%)	$ 207,708 (33.5%)	$ 194,961 (45.6%)	$ 259,401 (54.2%)	+24.7%	+6.8%	-6.1%	+33.1%	+2.2%	+5.3%	+12.1%	+8.6%
Total for Region Three	2,743,815 (38.2%)	3,029,797 (39.3%)	2,946,666 (45.0%)	3,007,505 (59.8%)	4,214,264 (65.3%)	+10.4%	-2.7%	+2.1%	+40.1%	+1.1%	+5.7%	+14.8%	+5.5%
Mean County Value	304,868	336,644	327,407	334,167	468,252								
Median County Value	168,901	194,434	207,708	194,961	274,008								
Total for Iowa	46,436,257 (42.0%)	53,367,903 (44.6%)	53,520,656 (50.0%)	56,391,675 (61.9%)	79,530,047 (66.8%)	+14.9%	+0.3%	+5.4%	+41.0%	+2.6%	+5.4%	+11.9%	+4.9%
Mean County Value	469,053	539,070	540,613	569,613	803,334								

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[a] Figures in parenthesis represent payments for Aid to Dependent Children as a percent of the total social security program payments.

[b] Change in proportion represents the change in payments for Aid to Dependent Children adjusted for change in the total social security program payments.

[c] Dollar figures represent payments for the respective fiscal year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Structure of Services

Title: Number of full-time equivalent public welfare personnel employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

	Year		Analysis of Social Change	
			Percent Change	Change in Proportion[b]
Governmental Unit	1967	1972	1967-72	1967-72
Carroll County	2 (0.5%)[a]	7 (1.6%)	+250.0%	+1.1%
Total for Region Three	98 (1.7%)	133 (2.1%)	+35.7%	+0.4%
Mean County Value	10.9	14.8		
Median County Value	7.0	7.0		
Total for Iowa	1,261 (1.6%)	1,415 (1.6%)	+12.2%	0.0%
Mean County Value	12.7	14.3		

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[a] Figures in parenthesis represent full-time equivalent public welfare personnel employed by local government as a percent of the total number of full-time equivalent local government personnel.

[b] Change in proportion represents the change in full-time equivalent public welfare personnel employed by local government adjusted for change in the total number of full-time equivalent local government personnel.

Source: U.S. Department of Commerce, Census of Governments.

Area: Income

Utilization of Services

Title: Total amount of USDA food stamp coupons issued (in dollars)[a]

Governmental Unit	Year					Analysis of Social Change Percent Change			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	$ 180,195	$ 205,493	$ 238,590	$ 249,098	$ 301,096	+14.0%	+16.1%	+4.4%	+20.9%
Total for Region Three	1,748,694	2,033,193	2,281,626	2,562,229	2,994,162	+16.3%	+12.2%	+12.3%	+16.9%
Mean County Value	194,299	225,910	253,514	284,692	332,685				
Median County Value	110,610	132,922	162,540	145,245	198,064				
Total for Iowa	30,512,227	33,202,591	35,617,249	40,231,304	48,793,706	+8.8%	+7.3%	+13.0%	+21.3%
Mean County Value	308,204	333,541	359,770	406,377	492.866				

[a] Data are for the fiscal year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Utilization of Services

Title: Number of aid to dependent children cases[a,b]

Governmental Unit	Year					Analysis of Social Change Percent Change			
	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	82	101	100	86	107	+23.2%	-1.0%	-14.0%	+24.4%
Total for Region Three	1,305	1,418	1,326	1,337	1,511	+8.7%	-6.5%	+0.8%	+13.0%
Mean County Value	145.0	157.6	147.3	148.6	167.9				
Median County Value	82.0	101.0	100.0	86.0	107.0				
Total for Iowa	21,898	24,357	24,030	24,263	27,918	+11.2%	-1.3%	+1.0%	+15.1%
Mean County Value	221.2	246.0	242.7	245.1	282.0				

[a] Data are for fiscal year ending June 30.

[b] Data are cases continued to next year for 1971-74 and ending cases for 1975.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Utilization of Services

Title: Adult old-age assistance cases[a,b]

	Year			Analysis of Social Change Percent Change	
Governmental Unit	1971	1972	1973	1971-72	1972-73
Carroll County	191	200	94	+4.7%	-53.0%
Total for Region Three	1,639	1,623	709	-1.0%	-56.3%
Mean County Value	182.1	180.3	78.8		
Median County Value	148.0	145.0	66.0		
Total for Iowa	22,433	21,715	10,496	-3.2%	-51.7%
Mean County Value	226.6	219.3	106.0		

[a] Data are for respective fiscal year ending June 30.

[b] Data are cases continued to next year.

Source: Iowa Department of Social Services, Annual Reports.

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Area: Income

Utilization of Services

Title: Adult aid to the blind cases[a,b]

Governmental Unit	Year 1971	1972	1973	Analysis of Social Change: Percent Change 1971-72	1972-73
Carroll County	9	9	6	0.0%	-33.3%
Total for Region Three	83	90	73	+8.4%	-18.9%
Mean County Value	9.2	10.0	8.1		
Median County Value	9.0	8.0	5.0		
Total for Iowa	1,175	1,237	976	+5.3%	-21.1%
Mean County Value	11.9	12.5	9.9		

[a] Data are for respective fiscal year ending June 30.

[b] Data are cases continued to next year.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Utilization of Services

Title: Adult aid to disabled cases[a,b]

	Year			Analysis of Social Change	
				Percent Change	
Governmental Unit	1971	1972	1973	1971-72	1972-73
Carroll County	12	20	22	+66.7%	+10.0%
Total for Region Three	207	225	154	+8.7%	-31.6%
Mean County Value	23.0	25.0	17.1		
Median County Value	19.0	20.0	12.0		
Total for Iowa	3,227	3,541	2,389	+9.7%	-32.5%
Mean County Value	32.6	35.8	24.1		

[a] Data are for respective fiscal year ending June 30.

[b] Data are cases continued to next year.

Source: Iowa Department of Social Services, Annual Reports.

Area: Income

Status of Social Well-Being

Title: Total personal income (in millions of dollars)

Governmental Unit	Year 1969	 1972	 1973	Analysis of Social Change Percent Change 1969-72	 1972-73
Carroll County	$ 71 (629)[a]	$ 90	$ 124	+26.8%	+37.8%
Total for **Region Three**	629	787	1,095	+25.1%	+39.1%
Mean County Value	69.9	87.4	121.7		
Median County Value	61.0	77.0	111.0		
Total for Iowa	9,856	12,443	15,308	+26.2%	+23.0%
Mean County Value	99.6	125.7	154.6		

Source: U.S. Department of Commerce, Survey of Current Business.

Area: Income

Status of Social Well-Being

Title: Per capita personal income

Governmental Unit	Year 1969	Year 1972	Year 1973	Analysis of Social Change Percent Change 1969-72	Analysis of Social Change Percent Change 1972-73
Carroll County	$3,097	$3,912	$5,439	+26.3%	+39.0%
Iowa	3,514	4,315	5,347	+22.8%	+23.9%

Source: U.S. Department of Commerce, Survey of Current Business.

Area: Income
Status of Social Well-Being

Title: Median family income

Governmental Unit	Year			Analysis of Social Change Percent Change	
	1950	1960	1970	1950-60	1960-70
Carroll County	$3,068	$4,380	$7,973	+42.8%	+82.0%
Iowa	3,068	5,069	9,018	+65.2%	+77.9%

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Income
Status of Social Well-Being

Title: Number of families with income under $4,000

Governmental Unit	Year 1950	1960	1970	Analysis of Social Change Percent Change 1950-60	1960-70	Change in Proportion[b] 1950-60	1960-70
Carroll County	3,890 (66.4%)[a]	2,517 (44.3%)	867 (16.1%)	-35.3%	-65.6%	-22.1%	-28.2%
Total for Region Three	33,000 (65.5%)	20,151 (39.6%)	7,931 (16.5%)	-38.9%	-60.7%	-25.9%	-23.1%
Mean County Value	3,666.7	2,239.0	881.2				
Median County Value	3,365.0	1,998.0	800.0				
Total for Iowa	456,510 (66.5%)	259,842 (36.5%)	111,466 (15.5%)	-43.1%	-57.1%	-30.0%	-21.0%
Mean County Value	4,611.2	2,624.7	1,125.9				

[a] Figures in parenthesis represent the number of families with income under $4,000 as a percent of the total number of families.

[b] Change in proportion represents the change in the number of families with income under $4,000 adjusted for change in the total number of families.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Income

Status of Social Well-Being

Title: Number of families with income between $4,000 and $10,000

	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
Governmental Unit	1950	1960	1970	1950-60	1960-70	1950-60	1960-70
Carroll County	$ 1,470 (25.1%)[a]	$ 2,659 (46.8%)	$ 2,660 (49.5%)	+80.9%	+0.04%	+21.7%	+2.7%
Total for Region Three	13,400 (26.6%)	25,901 (50.9%)	21,600 (45.1%)	+93.3%	-16.6%	+24.3%	-5.8%
Mean County Value	1,488.9	2,877.9	2,400.0				
Median County Value	1,285.0	2,647.0	1,881.0				
Total for Iowa	186,580 (27.2%)	375,806 (52.8%)	289,776 (40.4%)	+101.4%	-22.9%	+25.6%	-12.4%
Mean County Value	1,884.6	3,796.0	2,927.0				

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[a] Figures in parenthesis represent the number of families with income between $4,000 and $10,000 as a percent of the total number of families.

[b] Change in proportion represents the change in the number of families with income between $4,000 and $10,000 adjusted for change in the total number of families.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Income

Status of Social Well-Being

Title: Number of families with income over $10,000

Governmental Unit	Year 1950	1960	1970	Analysis of Social Change: Percent Change 1950-60	Percent Change 1960-70	Change in Proportion[b] 1950-60	Change in Proportion[b] 1960-70
Carroll County	270 (4.6%)[a]	503 (8.9%)	1,853 (34.5%)	+86.3%	+268.4%	+4.3%	+25.6%
Total for Region Three	1,655 (3.3%)	4,852 (9.5%)	18,466 (38.5%)	+193.2%	+280.6%	+6.2%	+29.0%
Mean County Value	183.9	539.1	2,051.8				
Median County Value	165.0	503.0	1,800.0				
Total for Iowa	18,810 (2.7%)	76,068 (10.7%)	307,534 (42.9%)	+304.4%	+304.3%	+8.0%	+32.2%
Mean County Value	190.0	768.4	3,106.4				

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[a] Figures in parenthesis represent the number of families with income over $10,000 as a percent of the total number of families.

[b] Change in proportion represents the change in the number of families with income over $10,000 adjusted for change in the total number of families.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Income
Status of Social Well-Being

Title: Number of families with income less than poverty level[b]

Governmental Unit	Year
	1970
Carroll County	578 (10.7%)[a]
Total for Region Three	4,381 (9.1%)
Mean County Value	486.8
Median County Value	436.0
Total for Iowa	63,956 (8.9%)
Mean County Value	646.0

---

[a] Figures in parenthesis represent the number of families with income less than poverty level as a percent of the total number of families.

[b] Persons with income less than the poverty level represent persons with income below the established government standard for poverty. Incomes falling below the poverty level are adjusted for size of family, sex of head of household, number of children under 18 years of age, and farm and nonfarm residence.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Income

Status of Social Well-Being

Title: Number of families with income less than 75% of poverty level[b]

Governmental Unit	Year 1970
Carroll County	319 (5.9%)[a]
Total for Region Three	2,343 (4.9%)
Mean County Value	260.3
Median County Value	238.0
Total for Iowa	37,164 (5.2%)
Mean County Value	375.4

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[a] Figures in parenthesis represent the number of families with income less than 75% of poverty level as a percent of the total number of families.

[b] Families with income less than 75% of the poverty level represent families whose level of income is at least 25% less than the established poverty line.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

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Area: Income

Status of Social Well-Being

Title: Number of families with income less than 125% of poverty level[b]

Governmental Unit	Year 1970
Carroll County	926 (17.2%)[a]
Total for Region Three	6,853 (14.3%)
Mean County Value	761.4
Median County Value	693.0
Total for Iowa	96,847 (13.5%)
Mean County Value	978.3

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[a] Figures in parenthesis represent the number of families with income less than 125% of poverty level as a percent of the total number of families.

[b] Families with income less than 125% of the poverty level represent families whose level of income is at or below the established poverty line multiplied by 1.25. That is, the figure includes families whose income is 25% over the established poverty level.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

CHAPTER 7:

HEALTH

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Area: Health

Financial Resources

Title: County mental health and state institutions, fund operations: fund balance January 1

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change Percent Change 1970-71	1971-72	1972-73
Carroll County	$ 114,653	$ 208,996	$ 277,324	$ 146,351	+82.3%	+32.7%	-47.2%
Total for Region Three	1,411,129	1,389,597	1,370,944	936,782	-1.5%	-1.4%	-31.7%
Mean County Value	156,792	154,400	152,327	104,087			
Median County Value	79,809	87,028	139,844	85,833			
Total for Iowa	8,947,191	8,715,115	14,046,129	12,627,375	-2.6%	+61.2%	-10.1%
Mean County Value	90,376	88,031	141,880	127,549			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Health

Financial Resources

Title: County hospital funds (per county treasurer), property tax receipts

Governmental Unit	Year					Analysis of Social Change Percent Change	
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ NA[a]	$ NA	$ NA	$ NA	NA	NA	NA
Total for Region Three	552,308	576,048	506,217	507,610	+4.3%	-12.1%	+0.3%
Mean County Value	61,368.0	64,005.0	56,246.0	56,401.0			
Median County Value	122,667.5	124,822.0	117,121.5	124,104.0			
Total for Iowa	6,475,509	6,038,267	6,199,827	7,476,031	-6.8%	+2.7%	+20.6%
Mean County Value	65,409	60,993	62,625	75,515			

[a] NA: Data not available; regional and state totals and averages based on available data only.

Source: State of Iowa, Auditor of State, Biennial Report of County Finances.

Area: Health

Financial Resources

Title: County hospital funds (per county treasurer), total to account for

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change Percent Change 1970-71	1971-72	1972-73
Carroll County	$ NA[a]	$ NA	$ NA	$ NA	NA	NA	NA
Total for Region Three	606,266	615,226	509,240	536,947	+1.5%	-17.2%	+5.4%
Mean County Value	67,363.0	68,358.0	56,582.0	59,661.0	+1.5%	-17.2%	+5.5%
Median County Value	124,480.0	126,551.5	117,942.0	116,996.0			
Total for Iowa	6,857,228	6,186,533	6,318,726	7,727,499	-9.8%	+2.1%	+22.3%
Mean County Value	69,265	62,490	63,826	78,036			

[a] NA: Data not available; regional and state totals and averages based on available data only.

Source: State of Iowa, Auditor of State, Biennial Report of County Finances.

Area: Health

Financial Resources

Title: County hospital funds (per county treasurer), treasurer's fund balance, January 1

	Year				Analysis of Social Change		
						Percent Change	
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ NA[a]	$ NA	$ NA	$ NA	NA	NA	NA
Total for Region Three	53,958	39,178	3,020	29,155	-27.4%	-92.3%	+865.4%
Mean County Value	5,995.0	4,353.0	336.0	3,239.0			
Median County Value	2,848.5	3,102.0	794.0	1,702.0			
Total for Iowa	381,719	148,266	118,899	251,468	-61.2%	-19.8%	+111.5%
Mean County Value	3,856	1,498	1,201	2,540			

[a] NA: Data not available; regional and state totals and averages based on available data only.

Source: State of Iowa, Auditor of State, Biennial Report of County Finances.

Area: Health

Financial Resources

Title: Expenditures by county governments on health

				Analysis of Social Change[d]	
		Year		Percent Change	Change in Proportion[b]
Governmental Unit	1961-62	1966-67	1971-72	1962-72	1962-72
Carroll County	$ 16,000 (1.2%)[a]	$ 21,000 (1.1%)	$ 114,000 (4.6%)	+612.5%	+3.4%
Total for Region Three	112,000 (0.8%)	92,000 (0.6%)	953,000 (3.5%)	+750.9%	+2.7%
Mean County Value	12,000	NA[c]	106,000		
Median County Value	13,000	NA	47,000		
Total for Iowa	1,761,000 (1.1%)	2,144,000 (1.0%)	10,875,000 (3.4%)	+517.6%	+2.3%
Mean County Value	18,000	NA	110,000		

[a] Figures in parenthesis represent the expenditures by county governments on health as a proportion of the general expenditures of county government.

[b] Change in proportion represents the change in the expenditures by county government on health adjusted for change in the general expenditures of county government.

[c] NA: Data not available.

[d] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

Source: U.S. Department of Commerce, Census of Governments.

Area: Health

Financial Resources

Title: Expenditures of county governments on hospitals

Governmental Unit	Year 1961-62	Year 1966-67	Year 1971-72	Analysis of Social Change[d] Percent Change 1962-72	Analysis of Social Change[d] Change in Proportion[b] 1962-72
Carroll County	$ 131,000 (9.8%)[a]	$ 153,000 (8.0%)	$ 148,000 (6.0%)	+13.0%	-3.8%
Total for Region Three	2,776,000 (20.2%)	3,466,000 (23.0%)	7,103,000 (125.8%)	+155.9%	+5.6%
Mean County Value	308,000	NA[c]	789,000		
Median County Value	143,000	NA	254,000		
Total for Iowa	28,301,000 (17.5%)	44,140,000 (21.1%)	67,127,000 (21.0%)	+137.2%	+3.4%
Mean County Value	286,000	NA	678,000		

[a] Figures in parenthesis represent the expenditure of county governments on hospitals as a percentage of the general expenditures of county government.

[b] Change in proportion represents the change in the expenditure of county government on hospitals adjusted for change in the general expenditures of county government.

[c] NA: Data not available.

[d] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

Source: U.S. Department of Commerce, Census of Governments.

Area: Health

Structure of Services

Title: Number of physicians, all ages, for all types of practice

Governmental Unit	Year 1974
Carroll County	26
Total for Region Three	147
Mean County Value	16.3
Median County Value	12.0
Total for Iowa	2,912
Mean County Value	29.4

Source: Iowa State Department of Health, Health Manpower in Iowa, 1974, Survey of Physicians.

Area: Health

Structure of Services

Title: Number of general-practice physicians for all ages

Governmental Unit	Year 1974
Carroll County	13
Total for Region Three	87
Mean County Value	9.7
Median County Value	9.0
Total for Iowa	1,132
Mean County Value	11.4

Source: Iowa State Department of Health, Health Manpower in Iowa, 1974, Survey of Physicians.

Area: Health

Structure of Services

Title: Number of specialists for all ages

Governmental Unit	Year 1974
Carroll County	12
Total for Region Three	55
Mean County Value	6.1
Median County Value	3.0
Total for Iowa	1,601
Mean County Value	16.2

Source: Iowa State Department of Health, Health Manpower in Iowa, 1974, Survey of Physicians.

Area: Health

Structure of Services

Title: Number of licensed nursing health care facilities

Governmental Unit	Year 1972
Carroll County	5
Total for Region Three	41
Mean County Value	4.6
Median County Value	5.0
Total for Iowa	491
Mean County Value	5.0

Source: Iowa State Department of Health, Licensed Nursing and Custodial Health Care Facilities in Iowa.

Area: Health

Structure of Services

Title: Licensed bed capacity of licensed nursing health care facilities

Governmental Unit	Year 1972
Carroll County	224
Total for Region Three	2,108
Mean County Value	234.2
Median County Value	203.0
Total for Iowa	24,965
Mean County Value	252.2

Source: Iowa State Department of Health, Licensed Nursing and Custodial Health Care Facilities in Iowa.

Area: Health

Structure of Services

Title: Number of hospitals

Governmental Unit	Year 1972
Carroll County	2
Total for Region Three	12
Mean County Value	1.3
Median County Value	1.0
Total for Iowa	151
Mean County Value	1.5

Source: Iowa State Health Department, Iowa Health Facilities Fact Book Series.

Area: Health

Structure of Services

Title: Number of hospital beds (1973-1975)[a]

Governmental Unit	Year			Analysis of Social Change Percent Change	
	1973	1974	1975	1973-74	1974-75
Carroll County[b]	174	174	174	0.0%	0.0%
Total for Region Three[c]	1,118	1,101	1,144	-1.5%	+3.9%
Mean County Value	124.2	122.3	127.1		
Median County Value	74.0	74.0	74.0		
Total for Iowa[d]	21,775	21,908	22,023	+0.6%	+0.5%
Mean County Value	220.0	221.3	222.5		

[a] Includes number of beds, cribs, and pediatric bassinets regularly maintained (set up and staffed for use) for inpatients as of the close of the reporting period; does not include bassinets for newborn infants. Federal and state hospital beds excluded in count.

[b] Manning General Hospital is not included.

[c] Woodward State Hospital in Boone County and Manning General Hospital in Carroll County are not included.

[d] Calculations based on reporting units only.

Source: American Hospital Association, Guide to the Health Care Field.

Area: Health

Structure of Services

Title: Number of hospital beds (1972)[a]

Governmental Unit	Year 1972
Carroll County	172
Total for Region Three	1,231
Mean County Value	136.8
Median County Value	81.0
Total for Iowa	20,238
Mean County Value	204.4

[a] Data cannot be merged with data on p. 165 due to different data collection procedures employed by the respective agencies.

Source: Iowa State Health Department, Iowa Health Facilities Fact Book Series.

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Area: Health
Utilization of Services

Title: Mean daily inpatients served[a]

Governmental Unit	Year 1973	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1973-74	1973-75	1974-75
Carroll County	97	74[c]	71[c]	-23.7%	-26.8%	-4.1%
Total for Region Three	667	b	605		-9.3%	
Mean County Value	74.1	b	67.2			
Median County Value	39.0	b	34.0			
Total for Iowa	b	b	b			
Mean County Value	b	b	b			

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[a] Average number of inpatients receiving care each day during a 12-month period; does not include newborn. Federal and state hospital beds excluded in count.

[b] Not calculated due to "nonreporting" hospitals.

[c] Carroll County--Manning General Hospital is "nonreporting".

Source: American Hospital Association, Guide to the Health Care Field.

Area: Health
Utilization of Services

Title: Number of hospital admissions[a]

Governmental Unit	Year 1973	1974	1975	Analysis of Social Change: Percent Change 1973-74	1973-75	1974-75
Carroll County	4,592	4,183[c]	4,019[c]	-8.9%	-12.5%	-3.9%
Total for Region Three	30,429	b	28,660[c]		-5.8%	
Mean County Value	3,381.0	b	3,184.4[c]			
Median County Value	1,978.0	b	1,956.0[c]			
Total for Iowa	b	b	b			
Mean County Value	b	b	b			

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[a] Includes the number of patients accepted for inpatient service during a 12-month period; does not include newborn. Federal and state hospitals excluded in count.

[b] Not calculated due to "nonreporting" hospitals.

[c] Carroll County--Manning General Hospital is "nonreporting".

Source: American Hospital Association, Guide to the Health Care Field.

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Area: Health

Utilization of Services

Title: Hospital bed occupancy rate[a]

Governmental Unit	Year 1973	1974	1975	Analysis of Social Change: Change in Proportion 1973-74	1973-75	1974-75
Carroll County[b]	55.7%	57.8%	55.5%	+2.1%	-0.2%	-2.3%
Total for Region Three[c]	59.6%		52.9%		-6.7%	
Total for Iowa[d]						

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[a] Ratio of mean daily patients served to the number of hospital beds. Includes the number of patients accepted for inpatient service during a 12-month period; does not include newborn. Federal and state hospital beds excluded in count.

[b] Carroll County--Manning General Hospital is not reporting.

[c] Woodward State Hospital School in Boone is not included in the Region Three total.

[d] Not calculated due to nonreporting hospitals.

Source: American Hospital Association, Guide to the Health Care Field.

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Area: Health

Utilization of Services

Title: Total number in residence at Iowa Soldiers' Home

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change Percent Change 1971-72	1972-73	1973-74	1974-75
Carroll County	2	2	2	2	2	0.0%	0.0%	0.0%	0.0%
Total for Region Three	39	38	34	38	34	-2.6%	-10.5%	+11.8%	-10.5%
Mean County Value	4.3	4.2	3.3	4.2	3.8				
Median County Value	3.0	3.0	3.0	3.0	2.0				
Total for Iowa	491	481	462	449	441	-2.0%	-4.0%	-2.8%	-1.8%
Mean County Value	5.0	4.9	4.7	4.5	4.5				

Source: Iowa Department of Social Services, Annual Reports.

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Area: Health
Utilization of Services

Title: Total number of resident patients at mental health institutes

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change: Percent Change 1971-72	1972-73	1973-74	1974-75
Carroll County	4	6	5	7	7	+50.0%	-16.7%	+40.0%	0.0%
Total for Region Three	51	51	52	51	50	0.0%	+2.0%	-1.9%	-2.0%
Mean County Value	5.7	5.7	5.8	5.7	5.6				
Median County Value	5.0	5.0	5.0	7.0	4.0				
Total for Iowa	1,054	945	954	991	1,071	-10.3%	+1.0%	+3.9%	+8.1%
Mean County Value	10.6	9.5	9.6	10.0	10.3				

Source: Iowa Department of Social Services, Annual Reports.

Area: Health
Utilization of Services

Title: Total number of residents at hospital schools for the mentally retarded

						Analysis of Social Change			
	Year					Percent Change			
Governmental Unit	1971	1972	1973	1974	1975	1971-72	1972-73	1973-74	1974-75
Carroll County	18	17	19	13	17	-5.6%	+11.8%	-31.6%	+30.8%
Total for Region Three	107	100	99	85	93	-6.5%	-1.0%	-14.1%	+9.4%
Mean County Value	11.9	11.1	11.0	9.4	10.3				
Median County Value	10.0	10.0	11.0	10.0	9.0				
Total for Iowa	1,421	1,371	1,380	1,385	1,394	-3.5%	+0.7%	+0.4%	+0.6%
Mean County Value	14.4	13.8	13.9	14.0	14.1				

Source: Iowa Department of Social Services, Annual Reports.

Area: Health
Status of Social Well-Being

Title: Number of reported pneumonia cases

Governmental Unit	Year 1969	1971	1973	1975	Analysis of Social Change: Percent Change 1969-71	1971-73	1973-75	Change in Proportion[b] 1969-71	1971-73	1973-75
Carroll County	2 (0.08)[a]	3 (0.13)	13 (0.56)	5 (0.21)	+50.0%	+333.3%	-61.5%	-0.05%	+0.43%	-0.35%
Total for Region Three	20 (0.10%)	22 (0.12%)	32 (0.17%)	27 (0.15%)	+100.0%	+45.5%	-15.6%	+0.02%	+0.05%	-0.02%
Mean County Value	2.2	2.4	3.6	3.0						
Median County Value	1.0	2.0	3.0	2.0						
Total for Iowa	605 (0.22)	921 (0.32)	1,195 (0.41)	1,122 (0.39)	+52.2%	+29.8%	-6.1%	+0.10	+0.09	-0.02
Mean County Value	6.1	9.3	12.1	11.3						

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[a] Figures in parenthesis represent the rate of reported pneumonia cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported pneumonia cases per 1,000 estimated population.

Source: **Iowa State Department of Health, Morbidity Report.**

Area: Health

Status of Social Well-Being

Title: Number of reported chicken pox cases

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	23	247	193	98	+973.9%	-21.9%	-49.2%			
	(0.96)[a]	(10.67)	(8.32)	(4.21)				+9.71	-2.35	-4.11
Total for Region Three	224 (1.18)	593 (3.19)	682 (3.65)	351 (1.93)	+164.7%	+15.0%	-48.5%	+2.01%	+0.46%	-1.72%
Mean County Value	24.9	65.9	75.8	39.0						
Median County Value	20.0	16.0	91.0	18.0						
Total for Iowa	5,192	7,171	12,467	9,507	+38.1%	+73.9%	-23.7%			
	(1.89)	(2.51)	(4.29)	(3.31)				+0.62	+1.78	-0.98
Mean County Value	52.4	72.4	125.9	96.0						

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[a] Figures in parenthesis represent the rate of reported chicken pox cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported chicken pox cases per 1,000 estimated population.

Source: Iowa State Department of Health, Morbidity Report.

Area: Health

Status of Social Well-Being

Title: Number of reported flu-like cases[c]

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1972	1973	1974	1975	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75
Carroll County	40	161	2,768	881	+302.5%	+1,619.3%	-68.2%			
	(1.73)[a]	(6.94)	(117.29)	(37.81)				+5.21	+110.35	-79.48
Total for Region Three	128	566	6,522	2,585	+342.2%	+1,523.3%	-60.4%			
	(0.69)	(3.03)	(35.89)	(14.19)				+2.34	+32.86	-21.70
Mean County Value	14.2	62.9	724.7	287.2						
Median County Value	4.0	31.0	358.0	187.0						
Total for Iowa	719	14,786	107,097	50,949	+1,956.5%	+624.3%	-52.4%			
	(0.25)	(5.09)	(37.52)	(17.75)				+4.84	+32.43	-19.77
Mean County Value	7.3	149.4	1,081.8	514.6						

[a] Figures in parenthesis represent the rate of reported flu-like cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported flu-like cases per 1,000 estimated population.

[c] Includes laboratory confirmed cases.

Source: Iowa State Department of Health, Morbidity Report.

Area: Health

Status of Social Well-Being

Title: Number of reported rubella (German measles) cases

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	5 (0.21)[a]	2 (0.09)	0 (0.00)	0 (0.00)	-60.0%	-100.0%	%[c]	-0.12	-0.09	0.00
Total for Region Three	290 (1.52)	19 (0.10)	7 (0.04)	0 (0.00)	-93.4%	-63.2%	-100.0%	-1.42	-0.06	-0.04
Mean County Value	32.2	2.1	0.8	0.0						
Median County Value	5.0	2.0	0.0	0.0						
Total for Iowa	2,534 (0.92)	751 (0.26)	221 (0.08)	31 (0.01)	-70.4%	-70.6%	-86.0%	-0.66	-0.18	-0.07
Mean County Value	25.6	7.6	2.2	0.3						

[a] Figures in parenthesis represent the rate of reported rubella cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported rubella cases per 1,000 estimated population.

[c] Percent change cannot be computed.

Source: Iowa State Department of Health, Morbidity Report.

Area: Health

Status of Social Well-Being

Title: Number of reported syphilis cases

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	0 (0.00)[a]	2 (0.09)	1 (0.04)	1 (0.04)	%[c]	-50.0%	0.0%	+0.09	-0.05	0.00
Total for Region Three	28 (0.15)	25 (0.13)	13 (0.07)	22 (0.12)	-10.7%	-48.0%	+69.2%	-0.02	-0.06	+0.05
Mean County Value	3.1	2.8	1.4	2.4						
Median County Value	1.0	2.0	1.0	2.0						
Total for Iowa	738 (0.27)	601 (0.21)	415 (0.14)	331 (0.12)	-18.6%	-31.0%	-20.2%	-0.06	-0.07	-0.02
Mean County Value	7.5	6.1	4.2	3.3						

[a] Figures in parenthesis represent the rate of reported syphilis cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported syphilis cases per 1,000 estimated population.

[c] Percent change cannot be computed.

Source: Iowa State Department of Health, Morbidity Report.

Area: Health

Status of Social Well-Being

Title: Number of reported gonorrhea cases

Governmental Unit	Year 1969	Year 1971	Year 1973	Year 1975	Percent Change 1969-71	Percent Change 1971-73	Percent Change 1973-75	Change in Proportion[b] 1969-71	Change in Proportion[b] 1971-73	Change in Proportion[b] 1973-75
Carroll County	14	15	4	15	+7.1%	-73.3%	+275.0%			
	(0.58)[a]	(0.65)	(0.17)	(0.64)				+0.07	-0.48	+0.48
Total for Region Three	153	161	253	308	+20.0%	+57.1%	+21.7%			
	(0.80)	(0.87)	(1.35)	(1.69)				+0.07	+0.48	+0.34
Mean County Value	17.0	17.9	28.1	34.2						
Median County Value	11.0	8.0	7.0	15.0						
Total for Iowa	4,409	6,116	6,479	7,261	+38.7%	+6.0%	+12.1%			
	(1.61)	(2.16)	(2.23)	(2.53)				+0.53	+0.09	+0.30
Mean County Value	44.5	61.8	65.4	73.3						

[a] Figures in parenthesis represent the rate of reported gonorrhea cases per 1,000 estimated population.

[b] Change in proportion represents the change in the rate of reported gonorrhea cases per 1,000 estimated population.

Source: Iowa State Department of Health, Morbidity Report.

Area: Health

Status of Social Well-Being

Title: Number of deaths from all causes

					Analysis of Social Change					
	Year					Percent Change			Change in Proportion[b]	
Governmental Unit	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	238 (9.9)[a]	245 (10.6)	265 (11.4)	245 (10.5)	+3.0%	+8.2%	-7.6%	+0.7	+0.8	+0.9
Total for Region Three	2,114 (11.1)	2,078 (11.2)	2,082 (11.1)	2,069 (11.4)	-1.7%	+0.2%	-0.6%	+0.1	-0.1	+0.3
Mean County Value	235	231	231	230						
Median County Value	211	191	186	191						
Total for Iowa	29,345 (10.7)	29,475 (10.3)	29,229 (10.1)	28,058 (9.8)	+0.5%	-0.8%	-4.0%	-0.4	-0.2	-0.3
Mean County Value	296	298	295	283						

[a] Figures in parenthesis represent the number of deaths from all causes per 1,000 estimated populations.

[b] Change in proportion represents the change in the rate of deaths from accidents per 1,000 estimated.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Health

Status of Social Well-Being

Title: Number of deaths from cardiovascular disease

Governmental Unit	Year 1969	1971	1973	1975	Analysis of Social Change: Percent Change 1969-71	1971-73	1973-75	Change in Proportion[b] 1969-71	1971-73	1973-75
Carroll County	149 (620.8)[a]	137 (593.1)	174 (750.0)	149 (639.5)	-8.1%	+27.0%	-14.4%	-27.7	+157.9	-110.5
Total for Region Three	1,233 (647.1)	1,207 (648.6)	1,224 (654.5)	1,160 (636.7)	-2.1%	+1.4%	-5.2%	+1.5	+5.9	-17.8
Mean County Value	137.0	134.1	136.0	128.9						
Median County Value	109.0	108.0	104.0	106.0						
Total for Iowa	16,758 (610.2)	16,641 (581.4)	16,442 (566.1)	15,411 (537.0)	-0.7%	-1.2%	-6.3%	-28.8	-15.3	-29.1
Mean County Value	169.3	168.1	166.1	155.7						

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[a] Figures in parenthesis represent the number of deaths due to cardiovascular disease per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of the number of deaths due to cardiovascular disease per 100,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Health

Status of Social Well-Being

Title: Number of deaths due to cerebrovascular disease

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	39 (162.5)[a]	28 (121.2)	52 (224.1)	41 (176.0)	-28.2%	+85.7%	-21.2%	-41.3	+102.9	-48.1
Total for Region Three	269 (141.2)	282 (151.5)	305 (163.1)	253 (138.9)	+4.8%	+8.2%	-17.1%	+10.3	+11.6	-24.2
Mean County Value	29.9	31.3	33.9	28.1						
Median County Value	31.0	30.0	24.0	28.0						
Total for Iowa	3,720 (135.4)	3,676 (128.4)	3,625 (124.8)	3,224 (112.3)	-1.2%	-1.4%	-11.1%	-7.0	-3.6	-12.5
Mean County Value	37.6	37.1	36.6	32.6						

[a] Figures in parenthesis represent the number of deaths due to cerebrovascular disease per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of the number of deaths due to cerebrovascular disease per 100,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Health

Status of Social Well-Being

Title: Number of deaths from pneumonia

	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
Governmental Unit	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	10 (41.7)[a]	6 (26.0)	6 (25.9)	3 (12.9)	-40.0%	0.0%	-50.0%	-15.7	-0.1	-13.0
Total for Region Three	59 (31.0)	56 (30.1)	60 (32.6)	73 (40.1)	-5.1%	+7.2%	+21.7%	-0.9	+2.5	+7.5
Mean County Value	6.6	6.2	6.7	8.1						
Median County Value	7.0	7.0	7.0	8.0						
Total for Iowa	970 (35.3)	862 (30.1)	934 (32.2)	935 (32.6)	-11.1%	+8.4%	+0.1%	-5.2	+2.1	+0.4
Mean County Value	9.8	8.7	9.4	9.4						

[a] Figures in parenthesis represent the number of deaths due to pneumonia (and influenza for 1969) per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of deaths from pneumonia per 100,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

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Area: Health

Status of Social Well-Being

Title: Number of deaths from suicide

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	2 (8.3)[a]	1 (4.3)	3 (12.9)	0 (0.0)	-50.0%	+200.0%	-100.0%	-4.0	+8.6	-12.9
Total for Region Three	21 (11.0)	16 (8.6)	18 (9.6)	20 (11.0)	-23.8%	+12.5%	+11.1%	-2.4	+1.0	+1.4
Mean County Value	2	2	2	2						
Median County Value	2	2	1	2						
Total for Iowa	318 (11.6)	359 (12.5)	329 (11.3)	320 (11.2)	+12.9%	-8.4%	-2.7%	+0.9	-1.2	-0.1
Mean County Value	3	4	3	3						

[a] Figures in parenthesis represent the number of deaths from suicide per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of deaths from suicide per 100,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Health

Status of Social Well-Being

Title: Number of infant deaths

Governmental Unit	Year 1969	1971	1973	1975	Analysis of Social Change: Percent Change 1969-71	1971-73	1973-75	Change in Proportion[b] 1969-71	1971-73	1973-75
Carroll County	94 (9.6)[a]	8 (24.1)	4 (14.0)	6 (17.5)	+100.0%	-50.0%	+50.0%	+14.4	-10.0	+3.5
Total for Region Three	42 (15.4)	61 (23.6)	38 (17.8)	36 (15.2)	+45.2%	-37.7%	-5.3%	+8.2	-5.8	-2.6
Mean County Value	4.7	6.8	4.2	4.0						
Median County Value	3.0	5.0	4.0	4.0						
Total for Iowa	894 (18.9)	791 (17.5)	620 (15.9)	556 (13.4)	-11.5%	-21.6%	-10.3%	-1.4	-1.6	-2.5
Mean County Value	9.0	8.0	6.3	5.6						

[a] Figures in parenthesis represent the rate of infant deaths per 1,000 live births.

[b] Change in proportion represents the change in the rate of infant deaths per 1,000 live births.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

CHAPTER 8:
EDUCATION

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Area: Education
Financial Resources

Title: Board of education fund operations: total to account for

Governmental Unit	Year 1970	Year 1971	Year 1972	Year 1973	Analysis of Social Change Percent Change 1970-71	1971-72	1972-73
Carroll County	$ 177,628	$ 284,368	$ 372,693	$ 468,852	+60.1%	+31.1%	+25.8%
Total for Region Three	1,594,669	1,878,272	2,021,562	5,708,035	+17.8%	+7.6%	+182.4%
Mean County Value	177,185	208,697	224,618	634,226			
Median County Value	107,652	122,175	122,128	193,685			
Total for Iowa	27,505,606	32,393,861	36,000,653	41,649,014	+17.8%	+11.1%	+15.7%
Mean County Value	277,834	327,211	363,643	420,697			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Education

Financial Resources

Title: Board of education fund operations: property tax receipts

Governmental Unit	Year 1970	1971	1972	1973	Analysis of Social Change — Percent Change 1970-71	1971-72	1972-73
Carroll County	$ 135,953	$ 232,939	$ 242,082	$ 244,859	+71.3%	+3.9%	+1.1%
Total for Region Three	885,870	1,035,692	1,091,330	4,469,394	+16.9%	+5.4%	+3.1%
Mean County Value	98,430	115,077	121,259	496,599			
Median County Value	87,475	94,283	101,505	102,854			
Total for Iowa	14,049,660	17,326,623	21,208,092	22,244,067	+23.3%	+22.4%	+4.9%
Mean County Value	141,916	175,016	214,223	224,688			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Education

Financial Resources

Title: Board of education fund operations: total expenses

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 169,414	$ 206,081	$ 227,225	$ 283,777	+21.8%	+10.3%	+24.9%
Total for Region Three	1,364,864	1,566,968	1,622,662	5,184,887	+14.8%	+3.6%	+219.5%
Mean County Value	151,652	174,108	180,296	576,099			
Median County Value	93,666	108,278	108,630	150,857			
Total for Iowa	24,035,352	27,698,556	29,860,045	33,622,646	+15.2%	+7.8%	+12.6%
Mean County Value	242,781	279,783	301,617	339,623			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Education

Financial Resources

Title: Expenditures of county government on education

	Year			Analysis of Social Change[c]	
Governmental Unit	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 55,000 (4.1%)[a]	$ 65,000 (3.4%)	$ 230,000 (9.3%)	+318.2%	+5.2%
Total for Region Three	473,000 (3.4%)	627,000 (4.2%)	1,769,000 (6.4%)	+274.0%	+3.0%
Mean County Value	53,000	NA[d]	197,000		
Median County Value	55,000	NA	129,000		
Total for Iowa	5,479,000 (3.4%)	9,552,000 (4.6%)	28,235,000 (8.8%)	+415.3%	+5.4%
Mean County Value	55,000	NA	285,000		

[a] Figures in parenthesis represent the expenditure of county government on education as a percent of total county general expenditures.

[b] Change in proportion represents the change in the expenditures of county government on education adjusted for change in the total county general expenditures.

[c] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Education

Financial Resources

Title: Expenditures of local governments on education (local governments include county, municipal, and township governments, and school and special districts)[c]

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 1,461,000 (46.7%)[a]	$ 1,092,000 (42.5%)	$ 4,081,000 (50.1%)	+30.2%	+114.6%	-4.2%	+7.6%
Total for Region Three	16,974,000 (47.1%)	31,125,000 (56.9%)	51,986,000 (57.0%)	+83.4%	+67.0%	+9.8%	+0.1%
Mean County Value	1,886,000	3,458,000	5,776,000				
Median County Value	1,699,000	3,209,000	5,067,000				
Total for Iowa	282,088,000 (49.8%)	430,834,000 (52.9%)	770,393,000 (57.2%)	+52.7%	+78.8%	+3.1%	+4.3%
Mean County Value	2,849,000	4,352,000	7,782,000				

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[a] Figures in parenthesis represent the expenditure of local governments for education as a percent of the total direct general expenditure of local governments.

[b] Change in proportion represents the change in the expenditure of local governments for education adjusted for change in the total direct general expenditures of local government.

Source: U.S. Department of Commerce, Census of Governments.

Area: Education

Structure of Services

Title: Number of teachers employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

				Analysis of Social Change			
	Year			Percent Change		Change in Proportion[b]	
Governmental Unit	1962	1967	1972	1962-67	1967-72	1962-67	1967-72
Carroll County	148 (37.4%)[a]	157 (38.1%)	202 (44.8%)	+6.1%	+28.7%	+0.7%	+6.7%
Total for Region Three	2,149 (43.6%)	2,543 (45.3%)	2,711 (43.7%)	+18.4%	+6.5%	+1.7%	-1.6%
Mean County Value	238.7	282.6	301.2				
Median County Value	241.0	267.0	283.0				
Total for Iowa	29,170 (42.7%)	34,751 (44.4%)	39,878 (44.0%)	+19.1%	+14.8%	+1.7%	-0.4%
Mean County Value	294.6	351.0	402.8				

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[a] Figures in parenthesis represent the number of teachers employed by local governments as a percent of the total number of full-time equivalent personnel employed by local government.

[b] Change in proportion represents the change in the number of teachers employed by local government adjusted for change in the total number of full-time equivalent personnel employed by local government.

Source: U.S. Department of Commerce, Census of Governments.

Area: Education

Structure of Services

Title: Number of full-time equivalent educational personnel employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

				Analysis of Social Change			
	Year			Percent Change		Change in Proportion[b]	
Governmental Unit	1962	1967	1972	1962-67	1967-72	1962-67	1967-72
Carroll County	231 (58.3%)[a]	221 (53.6%)	278 (61.6%)	-4.3%	+25.8%	-4.7%	+8.0%
Total for Region Three	2,983 (60.5%)	3,413 (60.8%)	3,804 (61.4%)	+14.4%	+11.5%	+0.3%	+0.6%
Mean County Value	331.4	379.2	422.7				
Median County Value	333.0	362.0	378.0				
Total for Iowa	41,536 (60.8%)	48,156 (61.5%)	56,951 (62.9%)	+15.9%	+18.3%	+0.7%	+1.4%
Mean County Value	419.6	486.4	575.3				

[a] Figures in parenthesis represent the number of full-time equivalent educational personnel as a percent of the total number of full-time equivalent personnel employed by local government.

[b] Change in proportion represents the change in the number of full-time equivalent educational personnel adjusted for change in the total number of full-time equivalent personnel employed by local government.

Source: U.S. Department of Commerce, Census of Governments.

Area: Education

Utilization of Services

Title: Beginning enrollment, grades K-6

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970-71	1971-72	1973-74	1975-76	1971-72	1972-74	1974-76
Carroll County	1,999	1,885	1,820	NA[a]	-5.7%	-3.4%	NA
Total for Region Three	22,806	21,733	19,660	NA	-4.7%	-9.5%	NA
Mean County Value	2,534	2,415	2,184	NA			
Median County Value	2,183	2,047	1,921	NA			
Total for Iowa	357,711	347,461	321,750	NA	-2.9%	-7.4%	NA
Mean County Value	3,613	3,510	3,250	NA			

[a] NA: Data not available.

Source: Iowa Department of Public Instruction, Data on Iowa Schools.

Area: Education

Utilization of Services

Title: Beginning enrollment, grades 7-9

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970-71	1971-72	1973-74	1975-76	1971-72	1972-74	1974-76
Carroll County	697	720	793	NA[a]	+3.3%	+10.1%	NA
Total for Region Three	9,705	9,782	9,875	NA	+0.8%	+1.0%	NA
Mean County Value	1,078	1,086	1,097	NA			
Median County Value	1,006	979	962	NA			
Total for Iowa	149,380	151,643	156,722	NA	+1.5%	+3.3%	NA
Mean County Value	1,509	1,532	1,583	NA			

[a] NA: Data not available.

Source: Iowa Department of Public Instruction, Data on Iowa Schools.

Area: Education

Utilization of Services

Title: Enrollment, grades 10-12

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970-71	1971-72	1973-74	1975-76	1971-72	1972-74	1974-76
Carroll County	734	730	706	NA[a]	-0.5%	-3.3%	NA
Total for Region Three	9,794	9,709	9,223	NA	-0.9%	-5.0%	NA
Mean County Value	1,088	1,079	1,025	NA			
Median County Value	983	971	969	NA			
Total for Iowa	142,712	143,939	141,673	NA	+0.9%	-1.6%	NA
Mean County Value	1,442	1,454	1,431	NA			

[a] NA: Data not available.

Source: Iowa Department of Public Instruction, Data on Iowa Schools.

Area: Education

Utilization of Services

Title: Number of pupils[a] served by nurses[b] employed by boards of education

Governmental Unit	Year 1972-73
Carroll County	6,325
Total for Region Three	33,388
Mean County Value	3,709.8
Median County Value	3,167.0
Total for Iowa	557,197
Mean County Value	5,628.3

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[a] Public and nonpublic school pupils.

[b] Full-time equivalents.

Source: Comprehensive Health Planning Council of Iowa, District Health Departments: Why and How.

Area: Education

Utilization of Services

Title: Number of pupils served by speech clinician

Governmental Unit	Year 1971-72
Carroll County	221
Total for Region Three	1,320
Mean County Value	146.7
Median County Value	131.0
Total for Iowa	22,032
Mean County Value	222.5

Source: Comprehensive Health Planning Council of Iowa, District Health Departments: Why and How

Area: Education

Utilization of Services

Title: Number of pupils screened by hearing clinicians for hearing adequacy

Governmental Unit	Year 1971-72
Carroll County	2,559
Total for Region Three	18,250
Mean County Value	2,027.8
Median County Value	1,529.0
Total for Iowa	334,716
Mean County Value	3,381.0

Source: Comprehensive Health Planning Council of Iowa, District Health Departments: Why and How.

Area: Education

Accessibility of Services

Title: Pupils[a] not served by nurses[b] employed by boards of education[c]

Governmental Unit	Year 1972-73
Carroll County	1,330
Total for Region Three	11,971
Mean County Value	1,330.1
Median County Value	963.0
Total for Iowa	129,544
Mean County Value	1,308.5

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[a] Public and nonpublic school pupils.

[b] Full-time equivalents.

[c] In some counties school nursing services are provided by local health departments.

Source: Comprehensive Health Planning Council of Iowa, District Health Departments: Why and How.

Area: Education

Accessibility of Services

Title: Pupils not served by speech clinicians

Governmental Unit	Year 1971-72
Carroll County	177
Total for Region Three	1,298
Mean County Value	144.2
Median County Value	106.0
Total for Iowa	15,050
Mean County Value	152.0

Source: Comprehensive Health Planning Council of Iowa, District Health Departments: Why and How.

Area: Education

Accessibility of Services

Title: White student population in public and nonpublic schools

Governmental Unit	Year 1969-70
Carroll County	6,599
Total for Region Three	50,313
Mean County Value	5,590.3
Median County Value	5,219.0
Total for Iowa	648,048[a]
Mean County Value	6,545.9

[a] Public only.

Source: Department of Public Instruction, Racial Ethnic Census Report, Iowa Public Schools.

Area: Education

Equitableness of Utilization

Title: Minority student population in public and nonpublic schools

Governmental Unit	Year 1969-70
Carroll County	22 (0.3%)[a]
Total for Region Three	350 (0.7%)
Mean County Value	38.9
Median County Value	9.0
Total for Iowa	13,742[b]
Mean County Value	138.8

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[a] Figures in parenthesis represent minority student population as a percent of total student population.

[b] Public only.

Source: Department of Public Instruction, Racial Ethnic Census Report, Iowa Public Schools.

Area: Education
Status of Social Well-Being

Title: Median years of school completed for males 25 years old and over

Governmental Unit	Year 1950	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1950-60	Analysis of Social Change: Percent Change 1960-70
Carroll County	8.8	8.9	11.3	+1.1%	+27.0%
Iowa	9.0	10.4	12.2	+15.6%	+17.3%

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Median school years completed by females 25 years old and over

Governmental Unit	Year 1950	1960	1970	Analysis of Social Change Percent Change 1950-60	1960-70
Carroll County	9.0	9.7	12.0	+7.8%	+23.7%
Iowa	10.7	12.0	12.3	+12.1%	+2.5%

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education
Status of Social Well-Being

Title: Number of males, 25 years old and over, with no school years completed

Governmental Unit	Year 1950	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1950-60	Percent Change 1960-70	Change in Proportion[b] 1950-60	Change in Proportion[b] 1960-70
Carroll County	25 (0.4%)[a]	12 (0.2%)	25 (0.4%)	-52.0%	+108.3%	-0.2%	+0.2%
Total for Region Three	330 (0.6%)	447 (0.8%)	279 (0.6%)	+35.5%	-37.6%	+0.2%	-0.2%
Mean County Value	36.7	49.7	31.0				
Median County Value	25.0	12.0	13.0				
Total for Iowa	4,545 (0.6%)	4,204 (0.6%)	4,282 (0.6%)	-7.5%	+1.9%	0.0%	0.0%
Mean County Value	45.9	42.5	43.3				

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[a] Figures in parenthesis represent the number of males, 25 years old and over, with no school years completed as a percent of the total number of males 25 years old and over.

[b] Change in proportion represents the change in the number of males, 25 years old and over, with no school years completed adjusted for change in the total number of males 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of females, 25 years old and over, who have no school years completed

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1950	1960	1970	1950-60	1960-70	1950-60	1960-70
Carroll County	50 (0.7%)[a]	18 (0.3%)	75 (1.2%)	-64.0%	+316.7%	-0.4%	+0.9%
Total for Region Three	355 (0.6%)	432 (0.8%)	380 (0.7%)	+21.7%	-12.0%	+0.2%	-0.1%
Mean County Value	39.4	48.0	42.2				
Median County Value	30.0	15.0	32.0				
Total for Iowa	4,505 (0.6%)	3,491 (0.4%)	4,231 (0.5%)	-22.5%	+21.2%	-0.2%	+0.1%
Mean County Value	45.5	35.3	42.7				

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[a] Figures in parenthesis represent the number of females, 25 years old and over, with no school completed as a percent of the total number of females 25 years old and over.

[b] Change in proportion represents the change in the number of females, 25 years old and over, with no school years completed adjusted for change in the total number of females 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of males, 25 years old and over, who have completed 8 years of education

				Analysis of Social Change			
	Year			Percent Change		Change in Proportion[b]	
Governmental Unit	1950	1960	1970	1950-60	1960-70	1950-60	1960-70
Carroll County	2,510 (39.3%)[a]	2,227 (37.8%)	1,664 (29.5%)	-11.3%	-25.3%	-1.5%	-8.3%
Total for Region Three	17,610 (31.8%)	14,463 (27.1%)	10,755 (21.8%)	-17.9%	-25.6%	-4.7%	-5.3%
Mean County Value	1,956.7	1,607.0	1,195.0				
Median County Value	1,820.0	1,400.0	1,074.0				
Total for Iowa	231,530 (30.7%)	196,139 (26.3%)	149,138 (20.5%)	-15.3%	-24.0%	-4.4%	-5.8%
Mean County Value	2,338.7	1,981.2	1,506.4				

[a] Figures in parenthesis represent the number of males, 25 years old and over, who have completed 8 years of education as a percent of the total number of males 25 years old and over.

[b] Change in proportion represents the change in the number of males, 25 years old and over, who have completed 8 years of education adjusted for change in the total number of males 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of females, 25 years old and over, who have completed 8 years of elementary education

Governmental Unit	Year 1950	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1950-60	Percent Change 1960-70	Change in Proportion[b] 1950-60	Change in Proportion[b] 1960-70
Carroll County	2,105 (31.5%)[a]	2,097 (32.1%)	1,750 (26.9%)	-0.4%	-16.5%	+0.6%	-5.2%
Total for Region Three	15,000 (25.8%)	12,693 (22.1%)	9,472 (16.8%)	-15.1%	-25.6%	-3.7%	-5.3%
Mean County Value	1,666.7	1,410.3	1,052.4				
Median County Value	1,430.0	1,216.0	875.0				
Total for Iowa	207,775 (26.5%)	177,960 (22.4%)	135,393 (16.7%)	-14.3%	-23.9%	-4.1%	-5.7%
Mean County Value	2,098.7	1,797.6	1,367.6				

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[a] Figures in parenthesis represent the number of females, 25 years old and over, who have completed 8 years of elementary education as a percent of the total number of females 25 years old and over.

[b] Change in proportion represents the change in the number of females, 25 years old and over, who have completed 8 years of elementary education adjusted for change in the total number of females 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of males, 25 years old and over, who have completed 4 years of high school

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1950	1960	1970	1950-60	1960-70	1950-60	1960-70
Carroll County	1,055 (16.5%)[a]	1,320 (22.4%)	1,867 (33.1%)	+25.1%	+41.4%	+5.9%	+10.7%
Total for Region Three	11,460 (20.7%)	14,828 (27.8%)	18,223 (37.0%)	+29.4%	+22.9%	+7.1%	+9.2%
Mean County Value	1,273.3	1,647.6	2,024.8				
Median County Value	1,055.0	1,320.0	1,832.0				
Total for Iowa	155,305 (20.6%)	196,011 (26.3%)	259,074 (35.6%)	+26.2%	+32.2%	+5.7%	+9.3%
Mean County Value	1,568.7	1,979.9	2,616.9				

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[a] Figures in parenthesis represent the number of males, 25 years old and over, who have completed high school as a percent of the total number of males 25 years old and over.

[b] Change in proportion represents the change in the number of males, 25 years old and over, who have completed high school adjusted for change in the total number of males 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of females, 25 years old and over, who have completed 4 years of high school

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1950	1960	1970	1950-60	1960-70	1950-60	1960-70
Carroll County	1,510 (22.6%)[a]	1,820 (27.9%)	2,195 (33.7%)	+20.5%	+20.6%	+5.3%	+5.8%
Total for Region Three	16,375 (28.1%)	20,011 (34.8%)	23,136 (41.1%)	+22.2%	+15.6%	+6.7%	+6.3%
Mean County Value	1,819.4	2,223.4	2,570.7				
Median County Value	1,510.0	1,820.0	2,195.0				
Total for Iowa	217,565 (27.7%)	271,002 (34.1%)	337,575 (41.5%)	+24.6%	+24.6%	+6.4%	+7.4%
Mean County Value	2,197.6	2,737.4	3,409.8				

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[a] Figures in parenthesis represent the number of females, 25 years old and over, who have completed 4 years of high school as a percent of the total number of females 25 years old and over.

[b] Change in proportion represents the change in the number of females, 25 years old and over, who have completed 4 years of high school adjusted for change in the total number of females 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of males, 25 years old and over, who have 4 years or more of college

Governmental Unit	Year 1950	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1950-60	Percent Change 1960-70	Change in Proportion[b] 1950-60	Change in Proportion[b] 1960-70
Carroll County	315 (4.9%)[a]	289 (4.9%)	403 (7.1%)	-8.3%	+39.4%	0.0%	+2.2%
Total for Region Three	2,410 (4.3%)	3,314 (6.2%)	4,061 (8.2%)	+37.5%	+22.5%	+1.9%	+2.0%
Mean County Value	267.8	368.2	451.2				
Median County Value	210.0	289.0	353.0				
Total for Iowa	42,860 (5.7%)	58,941 (7.9%)	79,367 (10.9%)	+37.5%	+34.7%	+2.2%	+3.0%
Mean County Value	432.9	595.4	801.7				

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[a] Figures in parenthesis represent the number of males, 25 years old and over, who have 4 years or more of college as a percent of the total number of males 25 years old and over.

[b] Change in proportion represents the change in the number of males, 25 years old and over, who have 4 years or more of college adjusted for change in the total number of males 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

Area: Education

Status of Social Well-Being

Title: Total number of females, 25 years old and over, who have completed 4 years or more of college

Governmental Unit	Year 1950	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1950-60	Percent Change 1960-70	Change in Proportion[b] 1950-60	Change in Proportion[b] 1960-70
Carroll County	325 (4.9%)	276 (4.2%)	336 (5.2%)	-15.1%	+21.7%	-0.7%	+1.0%
Total for Region Three	2,295 (3.9%)	2,441 (4.2%)	3,453 (6.1%)	+6.4%	+41.5%	+0.3%	+1.9%
Mean County Value	255.0	271.2	383.7				
Median County Value	215.0	234.0	330.0				
Total for Iowa	34,715 (4.4%)	39,609 (5.0%)	44,249 (5.4%)	+14.1%	+11.7%	+0.6%	+0.4%
Mean County Value	350.7	400.1	447.0				

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[a] Figures in parenthesis represent the number of females, 25 years old and over, who have completed 4 years or more of college as a percent of the total number of females 25 years old and over.

[b] Change in proportion represents the change in the number of females, 25 years old and over, who have completed 4 years or more of college adjusted for change in the total number of females 25 years old and over.

Source: U.S. Department of Commerce, General Social and Economic Characteristics.

CHAPTER 9:

HOUSING

Financial Resources

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Area: Housing

Financial Resources

Title: Expenditures of local government on housing and urban renewal (local governments include county, municipal, and township governments, and school and special districts)

	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
Governmental Unit	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 0 (0.0%)[a]	$ 0 (0.0%)	$ 0 (0.0%)	%[c]	%[c]	0.0%	0.0%
Total for Region Three	0 (0.0%)	0 (0.0%)	1,110,000 (1.2%)	%[c]	%[c]	0.0%	+1.2%
Mean County Value	0	0	123,000				
Median County Value	0	0	0				
Total for Iowa	4,685,000 (0.8%)	8,102,000 (1.0%)	14,463,000 (1.1%)	+72.9%	+78.5%	+0.2%	+0.1%
Mean County Value	47,000	82,000	146,000				

[a] Figures in parenthesis represent the proportion of direct general expenditure allocated for housing and urban renewal.

[b] Change in proportion represents the change in the proportion of direct general expenditure allocated for housing and urban renewal adjusted for change in the total direct general expenditure.

[c] Percent change cannot be computed.

Source: U.S. Department of Commerce, Census of Governments.

Area: Housing

Structure of Services

Title: Number of full-time equivalent personnel employed by local governments for housing and urban renewal (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1967	1972	Analysis of Social Change Percent Change 1967-72
Carroll County	2	3	+50.0%
Total for Region Three	2	6	+200.0%
Mean County Value	0.2	0.7	
Median County Value	0.0	0.0	
Total for Iowa	91	185	+103.3%
Mean County Value	0.9	1.9	

Source: U.S. Department of Commerce, Census of Governments.

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Area: Housing
Utilization of Services

Data Not Located For This Factor

Area: Housing

Status of Social Well-Being

Title: Year-round housing units constructed[b]

Governmental Unit	Prior to 1950	1950-59	1960-70[c]
Carroll County	5,397 (74.8%)[a]	845 (11.7%)	971 (13.5%)
Total for Region Three	49,397 (76.6%)	7,545 (11.7%)	7,551 (11.7%)
Mean County Value	5,489	838	839
Median County Value	4,939	640	717
Total for Iowa	666,403 (69.8%)	126,844 (13.3%)	161,728 (16.9%)
Mean County Value	6,731	1,281	1,634

[a] Figures in parenthesis represent the proportion of 1970 year-round housing units constructed in the respective years.

[b] Based on the number of year-round housing units in 1970.

[c] To March, 1970.

Source: U.S. Department of Commerce, Detailed Housing Characteristics, 1970.

Area: Housing
Status of Social Well-Being

Title: Number of occupied housing units

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	6,635 (94.9%)[a]	6,780 (94.0%)	+2.2%	-0.9%
Total for Region Three	60,455 (92.7%)	59,911 (92.3%)	-0.9%	-0.4%
Mean County Value	6,717	6,657		
Median County Value	6,102	5,744		
Total for Iowa	841,357 (93.0%)	896,311 (93.0%)	+6.5%	0.0%
Mean County Value	8,499	9,054		

[a] Figures in parenthesis represent the number of occupied housing units as a percent of the total number of housing units.

[b] Change in proportion represents the change in occupied housing units adjusted for change in the total housing units.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Median number of persons in occupied housing units

	Year		Analysis of Social Change
			Percent Change
Governmental Unit	1960	1970	1960-70
Carroll County	3.1	2.6	-16.1%
Iowa	2.8	2.6	-7.1%

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Occupied housing units defined as overcrowded[c]

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	594 (9.0%)[a]	559 (8.2%)	-5.9%	-0.8%
Total for Region Three	3,765 (6.2%)	2,866 (4.8%)	-23.9%	-1.4%
Mean County Value	418	318		
Median County Value	319	190		
Total for Iowa	67,286 (8.0%)	52,073 (5.8%)	-22.6%	-2.2%
Mean County Value	680	526		

[a] Figures in parenthesis represent the number of occupied units defined as overcrowded as a percent of the total number of occupied housing units.

[b] Change in proportion represents the change in the number of overcrowded units adjusted for change in the total occupied units.

[c] Occupied with 1.01 or more persons per room.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Number of renter-occupied housing units

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	2,188 (33.0%)[a]	1,854 (27.3%)	-15.3%	-5.7%
Total for Region Three	20,533 (34.0%)	17,860 (29.8%)	-13.0%	-4.2%
Mean County Value	2,281	1,984		
Median County Value	2,179	1,729		
Total for Iowa	260,005 (30.9%)	253,641 (28.3%)	-2.4%	-2.6%
Mean County Value	2,626	2,562		

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[a] Figures in parenthesis represent the number of occupied housing units renter occupied as a percent of the total number of occupied housing units.

[b] Change in proportion represents the change in the number of renter-occupied housing units adjusted for change in the total number of housing units.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Median rent paid: renter-occupied units[a]

Governmental Unit	Year		Analysis of Social Change
	1960	1970	Percent Change 1960-70
Carroll County	72	84	+16.7%
Iowa	68	99	+45.6%

[a] Gross rent paid.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Number of owner-occupied housing units

Governmental Unit	Year 1960	1970	Analysis of Social Change Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	4,447 (67.0%)[a]	4,926 (72.7%)	+10.8%	+5.7%
Total for Region Three	39,922 (66.0%)	42,051 (70.2%)	+5.3%	+4.2%
Mean County Value	4,436	4,672		
Median County Value	3,923	4,015		
Total for Iowa	581,352 (69.1%)	642,670 (71.7%)	+10.5%	+2.6%
Mean County Value	5,872	6,492		

[a] Figures in parenthesis represent the number of owner-occupied housing units as a percent of the total number of occupied housing units.

[b] Change in proportion represents the change in the number of owner-occupied housing units adjusted for change in the total number of occupied housing units.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing
Status of Social Well-Being

Title: Median value of owner-occupied units

Governmental Unit	Year		Analysis of Social Change
	1960	1970	Percent Change 1960-70
Carroll County	$9,100	$12,000	+31.9%
Iowa	9,900	13,900	+40.4%

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing
Status of Social Well-Being

Title: Median number of rooms in housing unit[a]

	Year		Analysis of Social Change
Governmental Unit	1960	1970	Percent Change 1960-70
Carroll County	6.0	5.8	-3.3%
Iowa	5.3	5.3	0.0%

[a] Based on all housing units in 1960 and all year-round housing units in 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Housing units lacking bathing facilities[c]

Governmental Unit	Year		Analysis of Social Change	
			Percent Change	Change in Proportion[b]
	1960	1970	1960-70	1960-70
Carroll County	985 (14.1%)[a]	248 (3.4%)	-74.8%	-10.7%
Total for Region Three	8,823 (13.5%)	2,620 (4.0%)	-70.3%	-9.5%
Mean County Value	980	291		
Median County Value	818	221		
Total for Iowa	127,281 (14.1%)	39,515 (4.1%)	-69.0%	-10.0%
Mean County Value	1,286	399		

[a] Figures in parenthesis represent the number of all housing units for 1960 and year-round units for 1970 lacking bathing facilities as a percent of the total number of all housing units (1960) and year-round housing units (1970).

[b] Change in proportion represents the change in the number of all units (1960), and year-round units (1970), lacking complete bathing facilities adjusted for change in the total number of all units (1960) and year-round units (1970).

[c] Lacking bathtub and/or shower.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Housing units lacking piped water[c]

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	326 (4.7%)[a]	52 (0.7%)	-84.0%	-4.0%
Total for Region Three	4,484 (6.9%)	1,118 (1.7%)	-75.1%	-5.2%
Mean County Value	498	124		
Median County Value	429	119		
Total for Iowa	67,646 (7.5%)	19,785 (2.1%)	-70.8%	-5.4%
Mean County Value	683	200		

[a] Figures in parenthesis represent the number of all units and year-round units for 1960 and 1970, respectively, lacking piped water as a percent of the total number of housing units (1960) and total number of year-round housing units (1970).

[b] Change in proportion represents the change in the number of all units (1960), and year-round units (1970), lacking piped water adjusted for change in the total units (1960) and year-round units (1970).

[c] Based on all housing units in 1960 and all year-round housing units in 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Housing units lacking flush toilet facilities[c]

Governmental Unit	Year		Analysis of Social Change	
			Percent Change	Change in Proportion[b]
	1960	1970	1960-70	1960-70
Carroll County	838 (12.0%)[a]	152 (2.1%)	-81.9%	-9.9%
Total for Region Three	7,857 (12.0%)	2,156 (3.3%)	-72.6%	-8.7%
Mean County Value	873	240		
Median County Value	795	184		
Total for Iowa	112,730 (12.5%)	32,096 (3.4%)	-71.5%	-9.1%
Mean County Value	1,139	324		

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[a] Figures in parenthesis represent the number of all housing units for 1960 and year-round units for 1970, respectively, lacking flush toilets as a percent of the total number of housing units for 1960 and total number of year-round housing units (1970).

[b] Change in proportion represents the change in the number of all units (1960), and year-round units (1970), lacking flush toilets adjusted for change in the total number of all units (1960) and year-round units (1970).

[c] Based on all housing units in 1960 and all year-round housing units in 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Housing

Status of Social Well-Being

Title: Housing units with complete plumbing facilities[c]

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	5,185 (74.2%)[a]	6,842 (94.9%)	+32.0%	+20.7%
Total for Region Three	47,073 (72.2%)	60,411 (93.1%)	+28.3%	+20.9%
Mean County Value	5,230	6,712		
Median County Value	4,582	6,008		
Total for Iowa	631,914 (69.8%)	891,470 (92.5%)	+41.1%	+22.7%
Mean County Value	6,383	9,005		

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[a] Figures in parenthesis represent the number of all housing units for 1960 and year-round housing units for 1970 with complete plumbing facilities as a percent of the total number of housing units for 1960 and total number of year-round housing units (1970).

[b] Change in proportion represents the change in the number of all units (1960), and year-round units (1970), with complete plumbing facilities adjusted for change in the total number of all units (1960) and year-round units (1970).

[c] Based on all housing units in 1960 and all year-round units in 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics (1970).

Area: Housing

Status of Social Well-Being

Title: Final adjusted taxable value of residential lots and buildings

Governmental Unit	Year 1970	1974	Analysis of Social Change Percent Change 1970-74
Carroll County	$ 13,685,759	$ 17,402,311	+27.2%
Total for Region Three	119,545,585	152,327,819	+27.4%
Mean County Value	13,282,843	16,925,313	
Median County Value	11,031,731	13,269,145	
Total for Iowa	2,074,913,832	2,723,630,557	+31.3%
Mean County Value	20,958,726	27,511,420	

Source: Iowa Department of Revenue, Taxable Values of Real Personal Property including Moneys and Credits.

CHAPTER 10:

LEISURE

Financial Resources

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Area: Leisure and Recreation
Financial Resources

Title: Expenditures by county governments on parks and recreation

Governmental Unit	Year			Analysis of Social Change[c]	
	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 0 (0.0%)[a]	$ 0 (0.0%)	$ 85,000 (3.5%)	%[d]	+3.5%
Total for Region Three	27,000 (0.2%)	0 (0.0%)	275,000 (1.0%)	+918.5%	+0.8%
Mean County Value	3,000	NA[e]	31,000		
Median County Value	0	NA	36,000		
Total for Iowa	281,000 (0.2%)	1,055,000 (0.5%)	1,962,000 (0.6%)	+598.2%	+0.4%
Mean County Value	3,000	NA	20,000		

[a] Figures in parenthesis represent the amount of general expenditures allocated for parks and recreation as a percent of total general expenditures of county government.

[b] Change in proportion represents the change in the general expenditures allocated for parks and recreation adjusted for change in the total general expenditure of county governments.

[c] Analysis of social change is for 1962-72 only due to missing data for 1966-67.

[d] Percent change cannot be computed.

[e] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation
Financial Resources

Title: Expenditures by county governments on natural resources

Governmental Unit	Year			Analysis of Social Change[c]	
				Percent Change	Change in Proportion[b]
	1961-62	1966-67	1971-72	1962-72	1962-72
Carroll County	54,000 (4.0%)[a]	92,000 (4.8%)	40,000 (1.6%)	-25.9%	-2.4%
Total for Region Three	854,000 (6.2%)	717,000 (4.0%)	646,000 (2.4%)	-24.4%	-3.8%
Mean County Value	95,000	d	72,000		
Median County Value	72,000	d	61,000		
Total for Iowa	5,883,000 (3.6%)	6,760,000 (3.2%)	7,864,000 (2.5%)	+33.7%	-1.1%
Mean County Value	59,000		79,000		

[a] Figures in parenthesis represent the amount of general expenditures allocated for natural resources as a percent of the total general expenditures of county government.

[b] Change in proportion represents the change in the general expenditures allocated for natural resources adjusted for change in the total general expenditure of county governments.

[c] Analysis of social change is for 1962-72 only due to missing data for 1966-67.

[d] Cannot be computed due to missing data.

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation

Financial Resources

Title: Expenditure of local governments on parks and recreation (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 44,000 (1.4%)[a]	$ 63,000 (1.4%)	$ 176,000 (2.2%)	+43.2%	+179.4%	0.0%	+0.8%
Total for Region Three	484,000 (1.3%)	443,000 (0.8%)	819,000 (0.9%)	-8.5%	+84.9%	-0.5%	+0.1%
Mean County Value	34,000	49,000	91,000				
Median County Value	44,000	48,000	60,000				
Total for Iowa	9,926,000 (1.8%)	13,321,000 (1.6%)	18,182,000 (1.4%)	+34.2%	+36.5%	-0.2%	-0.2%
Mean County Value	100,000	135,000	184,000				

[a] Figures in parenthesis represent the amount of direct general expenditure allocated for parks and recreation as a percent of the total direct general expenditures of local government.

[b] Change in proportion represents the change in expenditures allocated for parks and recreation adjusted for change in the total direct general expenditure of local governments.

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation

Financial Resources

Title: Expenditure of local governments on natural resources (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 63,000 (2.0%)[a]	$ 102,000 (2.3%)	$ 45,000 (0.6%)	+61.9%	-55.9%	+0.3%	-1.7%
Total for Region Three	894,000 (2.5%)	789,000 (1.4%)	634,000 (0.7%)	-11.8%	-19.7%	-1.1%	-0.7%
Mean County Value	99,000	88,000	70,000				
Median County Value	73,000	102,000	55,000				
Total for Iowa	7,084,000 (1.3%)	7,623,000 (0.9%)	8,551,000 (0.6%)	+7.6%	+12.2%	-0.4%	-0.3%
Mean County Value	72,000	77,000	86,000				

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[a] Figures in parenthesis represent the amount of direct general expenditure allocated for natural resources as a percent of total direct general expenditures of local government.

[b] Change in proportion represents the change in expenditures allocated for natural resources adjusted for change in the total expenditure of local governments.

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation
Financial Resources

Title: Expenditure of local governments on libraries (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 24,000 (0.8%)[a]	$ 27,000 (0.6%)	$ 55,000 (0.7%)	+12.5%	+103.7%	-0.2%	+0.1%
Total for Region Three	260,000 (0.7%)	360,000 (0.7%)	350,000 (0.4%)	+38.5%	-2.8%	0.0%	-0.3%
Mean County Value	29,000	40,800	39,000				
Median County Value	23,000	27,000	43,000				
Total for Iowa	4,522,000 (0.8%)	6,719,000 (0.8%)	7,085,000 (0.5%)	+48.6%	+5.5%	0.0%	-0.3%
Mean County Value	46,000	68,000	72,000				

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[a] Figures in parenthesis represent the amount of direct general expenditure allocated for libraries as a percent of total direct general expenditures of local government.

[b] Change in proportion represents the change of direct general expenditure allocated for libraries adjusted for change in the total expenditure of local governments.

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation

Structure of Services

Title: Number of full-time equivalent library personnel employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1967	Year 1972	Analysis of Social Change: Percent Change 1967-72
Carroll County	6	4	-33.3%
Total for Region Three	19	29	+52.6%
Mean County Value	2.1	3.2	
Median County Value	0.0	3.0	
Total for Iowa	650	713	+9.7%
Mean County Value	6.6	7.2	

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation

Structure of Services

Title: Number of full-time equivalent parks and recreation personnel employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year		Analysis of Social Change
	1967	1972	Percent Change 1967-72
Carroll County	8	8	0.0%
Total for Region Three	33	61	+84.9%
Mean County Value	3.7	6.8	
Median County Value	4.0	6.0	
Total for Iowa	864	1,095	+26.7%
Mean County Value	8.7	11.1	

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation

Structure of Services

Title: Number of full-time equivalent natural resources personnel employed by local governments (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1967	Year 1972	Analysis of Social Change: Percent Change 1967-72
Carroll County	4	7	+75.0%
Total for Region Three	29	18	-37.9%
Mean County Value	3.2	2.0	
Median County Value	3.0	1.0	
Total for Iowa	396	264	-33.3%
Mean County Value	4.0	2.7	

Source: U.S. Department of Commerce, Census of Governments.

Area: Leisure and Recreation
Structure of Services

Title: Total number of county conservation areas[a]

	Year			Analysis of Social Change Percent Change	
Governmental Unit	1972	1973	1974	1972-73	1973-74
Carroll County	10	10	10	0.0%	0.0%
Total for Region Three	63	70	71	+11.1%	+1.4%
Mean County Value	7.0	7.8	7.9		
Median County Value	6.0	6.0	6.0		
Total for Iowa	716	764	787	+6.7%	+3.0%
Mean County Value	7.2	7.7	7.9		

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[a] "Conservation areas" includes parks, river access, wildlife areas, highway safety, rest areas, forest areas, historical areas, fishing areas, recreational areas, headquarters, outdoor classrooms, river green belts, botanical preserves, athletic areas, and miscellaneous areas.

Source: Iowa State Conservation Commission, County Conservation Area Directory.

Area: Leisure and Recreation

Structure of Services

Title: Total acreage of county conservation areas

Governmental Unit	Year 1972	1973	1974	Analysis of Social Change Percent Change 1972-73	1973-74
Carroll County	650.0	931.0	1,061.0	+43.2%	+14.0%
Total for Region Three	3,558.5	4,002.0	4,229.3	+12.5%	+5.7%
Mean County Value	395.4	444.7	469.9		
Median County Value	395.0	447.0	447.0		
Total for Iowa	43,073	49,659	51,632	+15.3%	+4.0%
Mean County Value	435.1	501.6	521.5		

Source: Iowa State Conservation Commission, County Conservation Area Directory.

Area: Leisure and Recreation

Structure of Services

Title: Number of scheduled events under the leadership of the Iowa Arts Council[a]

	Year							Analysis of Social Change Percent Change					
Governmental Unit	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Carroll County	0	0	1	2	1	0	0	%[b]	%[b]	+100.0%	-50.0%	-100.0%	%[b]
Total for Region Three	12	6	14	21	22	17	34	-50.0%	+133.3%	+50.0%	+4.8%	-22.7%	+100.0%
Mean County Value	1.3	0.7	1.6	2.3	2.4	1.9	3.8						
Median County Value	1.0	0.0	1.0	2.0	1.0	2.0	1.0						
Total for Iowa	143	138	235	278	351	345	432	-3.5%	+70.3%	+18.3%	+26.3%	-1.7%	+25.2%
Mean County Value	1.4	1.4	2.4	2.8	3.5	3.5	4.4						

[a] Funding of programs is aided by the Iowa Arts Council as a fund-seeking agency. National Endowment for the Arts funds many programs, also.

[b] Percent change cannot be computed.

Source: Iowa State Arts Council, Biennial Report.

Area: Leisure and Recreation
Utilization of Services

Data Not Located For This Factor

Area: Leisure and Recreation
Status of Social Well-Being

Data Not Located For This Factor

CHAPTER 11:

PUBLIC SAFETY

Financial Resources

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Area: Public Safety
Financial Resources

Title: Court expense fund operations, total receipts

Governmental Unit	Year				Analysis of Social Change		
						Percent Change	
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 91,706	$ 87,603	$ 110,547	$ 128,665	-4.5%	+26.2%	+16.4%
Total for Region Three	1,145,436	1,045,382	1,283,415	1,436,164	-8.7%	+22.8%	+11.9%
Mean County Value	127,271	116,154	142,602	159,574			
Median County Value	56,015	65,618	74,074	91,645			
Total for Iowa	11,203,097	12,288,562	14,527,200	18,122,463	+9.7%	+18.2%	+24.7%
Mean County Value	113,163	124,127	146,739	183,055			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Public Safety

Financial Resources

Title: Receipts from property tax for court expense fund operations

Governmental Unit	Year				Analysis of Social Change Percent Change		
	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 64,941	$ 71,421	$ 98,477	$ 90,337	+10.0%	+37.9%	-8.3%
Total for Region Three	544,390	438,512	775,066	745,300	-19.4%	+76.7%	-3.8%
Mean County Value	60,488	48,724	86,118	82,811			
Median County Value	40,103	52,837	62,486	73,434			
Total for Iowa	8,680,528	9,536,289	10,720,249	12,445,857	+9.9%	+12.4%	+16.1%
Mean County Value	87,682	96,326	108,285	125,716			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Public Safety
Financial Resources

Title: Expenditure by county governments on police protection

Governmental Unit	Year			Analysis of Social Change[c]	
	1961-62	1966-67	1971-72	Percent Change 1962-72	Change in Proportion[b] 1962-72
Carroll County	$ 20,000	$ 26,000	$ 0	-100.0%	
	(1.5%)[a]	(1.4%)	(0.0%)		-1.5%
Total for Region Three	165,000	189,000	632,000	+283.0%	
	(1.2%)	(1.3%)	(2.3%)		+1.1%
Mean County Value	18,000	NA[d]	70,000		
Median County Value	19,000	NA	49,000		
Total for Iowa	2,657,000	3,488,000	6,249,000	+135.2%	
	(1.6%)	(1.7%)	(2.0%)		+0.4%
Mean County Value	27,000	NA	63,000		

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[a] Figures in parenthesis represent the expenditure by county government on police protection as a percent of total county government expenditures.

[b] Change in proportion represents the change in expenditures by county government on police protection adjusted for change in the total county government expenditures.

[c] Analysis of social change computed for 1962-72 only due to missing data for Webster County for 1966-67.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety
Financial Resources

Title: Expenditures by county governments on corrections

Governmental Unit	Year 1961-62	Year 1966-67	Year 1971-72	Analysis of Social Change[c] Percent Change 1962-72	Analysis of Social Change[c] Change in Proportion[b] 1962-72
Carroll County	$ 4,000 (0.3%)[a]	$ 2,000 (0.1%)	$ 10,000 (0.4%)	+150.0%	+0.1%
Total for Region Three	57,000 (0.4%)	41,000 (0.3%)	61,000 (0.2%)	+7.0%	-0.2%
Mean County Value	6,000	NA[d]	7,000		
Median County Value	6,000	NA	8,000		
Total for Iowa	911,000 (0.6%)	1,315,000 (0.6%)	3,511,000 (1.1%)	+285.4%	+0.5%
Mean County Value	9,000	NA	35,000		

[a] Figures in parenthesis represent the expenditures by county governments on corrections as a percent of the county's general expenditures.

[b] Change in proportion represents the change in the expenditures by county governments on corrections adjusted for change in the county's general expenditures.

[c] Analysis of social change computed for 1962-72 only due to missing data for 1966-67 for Webster County.

[d] NA: Data not available.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety

Financial Resources

Title: Expenditure of local governments on police protection (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change: Percent Change		Change in Proportion[b]	
	1961-67	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 72,000 (2.3%)[a]	$ 98,000 (2.2%)	$ 133,000 (1.6%)	+36.1%	+35.7%	-0.1%	-0.6%
Total for Region Three	781,000 (2.2%)	1,016,000 (1.9%)	2,180,000 (2.4%)	+30.1%	+114.6%	-0.3%	+0.5%
Mean County Value	87,000	113,000	242,000				
Median County Value	72,000	98,000	153,000				
Total for Iowa	15,313,000 (2.7%)	19,490,000 (2.4%)	35,888,000 (2.7%)	+27.3%	+84.1%	-0.3%	+0.3%
Mean County Value	155,000	199,000	363,000				

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[a] Figures in parenthesis represent the expenditure of local governments on police protection as a percent of total direct general expenditure.

[b] Change in proportion represents the change in expenditure of local governments on police protection adjusted for change in the total direct general expenditures.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety
Financial Resources

Title: Expenditures of local governments on corrections (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 4,000 (0.1%)[a]	$ 2,000 (0.04%)	$ 10,000 (0.1%)	-50.0%	+400.0%	-0.06%	+0.06%
Total for Region Three	57,000 (0.2%)	73,000 (0.1%)	61,000 (0.1%)	+28.1%	-16.4%	-0.1%	0.0%
Mean County Value	6,000	8,000	7,000				
Median County Value	6,000	4,000	8,000				
Total for Iowa	902,000 (0.2%)	1,310,000 (0.2%)	3,390,000 (0.3%)	+45.2%	+158.8%	0.0%	+0.1%
Mean County Value	9,000	13,000	34,000				

[a] Figures in parenthesis represent expenditures of local governments on corrections as a percent of the total direct general expenditures.

[b] Change in proportion represents the change in expenditures of local governments on corrections adjusted for change in the total direct general expenditures.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety
Financial Resources

Title: Expenditures of local governments on fire protection (local governments include county, municipal, and township governments, and school and special districts)

	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
Governmental Unit	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 30,000	$ 53,000	$ 53,000	+76.7%	0.0%		
	(1.0%)[a]	(1.2%)	(0.7%)			+0.2%	-0.5%
Total for Region Three	428,000	592,000	775,000	+38.3%	+30.9%		
	(1.2%)	(1.2%)	(0.9%)			+0.0%	-0.3%
Mean County Value	48,000	66,000	86,000[c]				
Median County Value	30,000	43,000	49,000[c]				
Total for Iowa	10,205,000	13,263,000	19,369,000[c]	+30.0%	+46.0%		
	(1.8%)	(1.6%)	(1.4%)			-0.2%	-0.2%
Mean County Value	103,000	134,000	196,000[c]				

[a] Figures in parenthesis represent expenditures of local governments on fire protection as a percent of total direct general expenditure.

[b] Change in proportion represents the change in expenditures of local governments on fire protection adjusted for change in the total direct general expenditure.

[c] Data are missing for Calhoun County.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety

Financial Resources

Title: Expenses of criminal prosecution other than county attorney's compensation

Governmental Unit	Year		Analysis of Social Change
	1972-73	1973-74	Percent Change 1972-74
Carroll County	$ 11,766.35	$ 53,644.22	+355.9%
Total for Region Three	123,946.13	195,482.75	+84.2%
Mean County Value	13,771.79	21,720.31	
Median County Value	14,573.53	15,102.72	
Total for Iowa	3,322,325.08	4,849,642.21	+46.0%
Mean County Value	33,558.84	48,986.28	

Source: State of Iowa, Report of the Board of Parole.

Area: Public Safety
Financial Resources

Title: County attorney's compensation

Governmental Unit	Year 1972-73	Year 1973-74	Analysis of Social Change: Percent Change 1972-74
Carroll County	$ 8,500.00	$ 9,375.00	+10.3%
Total for Region Three	78,582.48	87,122.32	+10.9%
Mean County Value	8,731.39	9,680.26	
Median County Value	8,500.00	9,250.00	
Total for Iowa	838,198.63	1,016,735.82	+21.3%
Mean County Value	8,466.65	10,270.06	

Source: State of Iowa, Report of the Board of Parole.

Area: Public Safety

Structure of Services

Title: Number of full-time equivalent personnel employed by local governments for police protection (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1962	1967	1972	1962-67	1967-72	1962-67	1967-72
Carroll County	19 (4.8%)[a]	20 (4.9%)	24 (5.3%)	+5.3%	+20.0%	+0.1%	+0.4%
Total for Region Three	158 (3.2%)	178 (3.2%)	222 (3.6%)	+12.7%	+24.7%	+0.0%	+0.4%
Mean County Value	17.6	19.8	24.7				
Median County Value	14.0	18.0	23.0				
Total for Iowa	2,626 (3.8%)	2,959 (3.8%)	3,652 (4.0%)	+12.7%	+23.4%	0.0%	+0.2%
Mean County Value	26.5	29.9	36.9				

[a] Figures in parenthesis represent number of full-time equivalent personnel employed by local governments for police protection as a percent of total full-time equivalent personnel employed by local government.

[b] Change in proportion represents the change in the number of full-time equivalent personnel employed by local government for police protection adjusted for change in the total number of full-time equivalent personnel employed by local government.

Source: U.S. Department of Commerce, Census of Governments.

Area: Public Safety

Structure of Services

Title: Number of full-time equivalent personnel employed by local governments for fire protection (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1962	Year 1967	Year 1972	Analysis of Social Change: Percent Change 1962-67	Percent Change 1967-72	Change in Proportion[b] 1962-67	Change in Proportion[b] 1967-72
Carroll County	3 (0.8%)[a]	5 (1.2%)	7 (1.6%)	+66.7%	+40.0%	+0.4%	+0.4%
Total for Region Three	60 (1.2%)	68 (1.2%)	114 (1.8%)	+13.3%	+67.7%	0.0%	+0.6%
Mean County Value	6.7	7.6	12.7				
Median County Value	3.0	4.0	9.0				
Total for Iowa	1,604 (2.3%)	1,635 (2.1%)	1,998 (2.2%)	+1.9%	+22.2%	-0.2%	+0.1%
Mean County Value	16.2	16.5	20.2				

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[a] Figures in parenthesis represent the number of full-time equivalent personnel employed by local government for fire protection as a percent of the total number of full-time equivalent personnel employed by local government.

[b] Change in proportion represents the change in the number of full-time equivalent personnel employed by local government for fire protection adjusted for change in the personnel employed by local government.

Source: U.S. Department of Commerce, Census of Government.

Area: Public Safety

Utilization of Services

Title: Number of inmates committed to adult corrections in institutions

Governmental Unit	Year 1971	1972	1973	1974	1975	Analysis of Social Change: Percent Change 1971-72	1972-73	1973-74	1974-75
Carroll County	1	1	1	3	1	0.0%	0.0%	+200.0%	-66.7%
Total for Region Three	21	26	12	21	29	+23.8%	-53.8%	+75.0%	+38.1%
Mean County Value	2.3	2.9	1.3	2.3	3.2				
Median County Value	2.0	2.0	1.0	1.0	2.0				
Total for Iowa	582	599	607	660	820	+2.9%	+1.3%	+8.7%	+24.2%
Mean County Value	5.9	6.0	6.1	6.7	8.3				

Source: Iowa Department of Social Services, Annual Reports.

Area: Public Safety
Utilization of Services

Title: Number of admissions to adult probation services[a]

Governmental Unit	Year 1972	1973	1974	1975	Analysis of Social Change: Percent Change 1972-73	1973-74	1974-75
Carroll County	5	4	3	9	-20.0%	-25.0%	+200.0%
Total for Region Three	50	32	79	98	-36.0%	+146.9%	+24.1%
Mean County Value	5.6	3.6	8.8	10.9			
Median County Value	5.0	3.0	6.0	9.0			
Total for Iowa	633	525	1,099	971	+17.1%	+109.3%	-11.6%
Mean County Value	6.4	5.3	11.1	9.8			

[a] Data are for respective year ending June 30.

Source: Iowa Department of Social Services, Annual Reports.

Area: Public Safety
Utilization of Services

Title: Number of admissions to adult parole services[a]

Governmental Unit	Year 1972	1973	1974	1975	Analysis of Social Change — Percent Change 1972-73	1973-74	1974-75
Carroll County	1	1	0	0	0.0%	-100.0%	%[b]
Total for Region Three	27	15	16	9	-44.4%	+6.7%	-43.8%
Mean County Value	3.0	1.7	1.8	1.0			
Median County Value	1.0	0.0	1.0	0.0			
Total for Iowa	679	393	372	386	-42.1%	-5.3%	+3.8%
Mean County Value	6.9	4.0	3.8	3.9			

[a] Data are for respective years ending June 30.

[b] Percent change cannot be computed.

Source: Iowa Department of Social Services, Annual Reports.

Area: Public Safety
Status of Social Well-Being

Title: Number of property crimes[a]

Governmental Unit	Year		Analysis of Social Change
	1974	1975	Percent Change 1974-75
Carroll County	244	343	+40.6%
Total for Region Three	2,409	4,987	+107.0%
Mean County Value	267.7%	554.1%	
Median County Value	184.0%	317.0%	

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[a] Reported by county and city law enforcement officials. Data may not represent the total number of reported crimes due to the failure of some county and city officials to submit one or more monthly reports to state officials.

Source: Iowa Department of Public Safety, Crime in Iowa: 1975.

Area: Public Safety
Status of Social Well-Being

Title: Number of violent crimes[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	8	1	-87.5%
Total for Region Three	78	99	+22.9%
Mean County Value	8.7	11.0	
Median County Value	6.0	7.0	

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[a] Reported by county and law enforcement officials. Data may not represent the total number of reported crimes due to the failure of some county and city officials to submit one or more monthly crime reports to state officials.

Source: Iowa Department of Public Safety, Crime in Iowa: 1975.

Area: Public Safety
Status of Social Well-Being

Title: Number of aggravated assaults[a]

	Year		Analysis of Social Change
Governmental Unit	1974	1975	Percent Change 1974-75
Carroll County	7	1	-85.7%
Total for Region Three	54	59	+9.3%
Mean County Value	6.0	6.6	
Median County Value	5.0	2.0	

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[a] Reported by county and city law enforcement officials. Data may not represent the total number of reported crimes due to the failure of some county and city officials to submit one or more monthly crime reports to state officials.

Source: Iowa Department of Public Safety, Crime in Iowa: 1975.

Area: Public Safety
Status of Social Well-Being

Title: Number of burglaries[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	77	112	+45.5%
Total for Region Three	766	1,441	+88.1%
Mean County Value	85.1	160.1	
Median County Value	77.0	112.0	

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[a] Reported by county and city law enforcement officials. Data may not represent the total number of reported crimes due to the failure of some county and city officials to submit one or more monthly crime reports to state officials.

Source: Iowa Department of Public Safety, Crime in Iowa: 1975.

Area: Public Safety
Status of Social Well-Being

Title: Number of motor vehicle thefts[a]

Governmental Unit	Year 1974	Year 1975	Analysis of Social Change: Percent Change 1974-75
Carroll County	13	19	+46.2%
Total for Region Three	84	123	+46.4%
Mean County Value	9.3	13.7	
Median County Value	10.0	15.0	

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[a] Reported by county and city law enforcement officials. Data may not represent the total number of reported crimes due to failure of some county and city officials to submit one or more monthly crime reports to state officials.

Source: Iowa Department of Public Safety, Crime in Iowa: 1975.

Area: Public Safety

Status of Social Well-Being

Title: Number of deaths from accidents

Governmental Unit	Year				Analysis of Social Change					
					Percent Change			Change in Proportion[b]		
	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	12 (50.0)[a]	14 (60.6)	10 (43.1)	8 (34.3)	+16.7%	-28.6%	-20.0%	+10.5	-17.5	-8.8
Total for Region Three	113 (59.3)	106 (57.0)	121 (64.7)	106 (58.2)	-6.2%	+14.2%	-12.4%	-2.3	+7.7	-6.5
Mean County Value	13	12	13	12						
Median County Value	10	10	12	12						
Total for Iowa	1,649 (60.0)	1,702 (59.5)	1,649 (56.8)	1,442 (50.2)	+3.2%	-3.1%	-12.6%	-0.5	-2.7	-6.6
Mean County Value	17	17	17	15						

[a] Figures in parenthesis represent the number of deaths from accidents per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of deaths from accidents per 100,000 estimated population.

Source: Iowa State Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Public Safety
Status of Social Well-Being

Title: Number of deaths from motor vehicle accidents

					Analysis of Social Change					
	Year				Percent Change			Change in Proportion[b]		
Governmental Unit	1969	1971	1973	1975	1969-71	1971-73	1973-75	1969-71	1971-73	1973-75
Carroll County	8 (33.3)[a]	8 (34.6)	6 (25.9)	1 (4.3)	0.0%	-25.0%	-83.3%	+1.3%	-8.7	-21.6
Total for Region Three	63 (33.1)	52 (27.9)	61 (32.6)	39 (21.4)	-17.5%	+17.3%	-36.1%	-15.2%	+4.7	-11.2
Mean County Value	7	6	7	4						
Median County Value	7	6	6	3						
Total for Iowa	868 (31.6)	886 (31.0)	851 (29.3)	690 (24.0)	+2.1%	-4.0%	-18.9%	-0.6	-1.7	-5.3
Mean County Value	9	9	9	7						

[a] Figures in parenthesis represent number of deaths from motor vehicle accidents per 100,000 estimated population.

[b] Change in proportion represents the change in the rate of deaths from motor vehicle accidents per 100,000 estimated population.

Source: Iowa Department of Health, Iowa Detailed Report of Vital Statistics.

Area: Public Safety
Status of Social Well-Being

Title: Total number sentenced to jail, fined, suspended

Governmental Unit	Year 1972-73	Year 1973-74	Analysis of Social Change: Percent Change 1972-74
Carroll County	12	17	+41.7%
Total for Region Three	328	354	+7.9%
Mean County Value	36.4	39.3	
Median County Value	25.0	26.0	
Total for Iowa	3,745	4,946	+32.1%
Mean County Value	37.8	50.0	

Source: State of Iowa, Report of the Board of Parole.

CHAPTER 12:
ENVIRONMENT

Financial Resources

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Area: Environment

Financial Resources

Title: Expenditure of local governments on sewage and sanitation (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year			Analysis of Social Change			
				Percent Change		Change in Proportion[b]	
	1961-62	1966-67	1971-72	1962-67	1967-72	1962-67	1967-72
Carroll County	$ 86,000 (2.8%)[a]	$ 102,000 (2.3%)	$ 218,000 (2.7%)	+18.6%	+113.7%	-0.5%	+0.4%
Total for Region Three	1,121,000 (3.1%)	1,285,000 (2.3%)	1,041,000 (1.1%)	+14.6%	-26.8%	-0.8%	-1.2%
Mean County Value	125,000	143,000	116,000				
Median County Value	71,000	102,000	69,000				
Total for Iowa	26,630,000 (4.7%)	28,086,000 (3.4%)	37,436,000 (2.8%)	+5.5%	+33.3%	-1.3%	-0.6%
Mean County Value	269,000	284,000	378,000				

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[a] Figures in parenthesis represent the amount of direct general expenditure allocated for sewage and sanitation as a percent of total direct general expenditure of local governments.

[b] Change in proportion represents the change in the amount of direct general expenditure allocated for sewage and sanitation adjusted for change in the total direct general expenditure of local government.

Source: U.S. Department of Commerce, Census of Governments.

Area: Environment
Financial Resources

Title: Conservation board fund operations, total to account for

	Year				Analysis of Social Change		
						Percent Change	
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 87,270	$ 94,149	$ 108,452	$ 112,999	+7.7%	+15.2%	+4.2%
Total for Region Three	733,865	630,170	611,451	659,148	-14.1%	-3.0%	+7.8%
Mean County Value	81,541	70,019	67,939	73,239			
Median County Value	87,270	70,172	49,066	70,804			
Total for Iowa	7,333,068	7,396,220	8,550,785	9,761,578	+0.9%	+15.6%	+14.2%
Mean County Value	74,071	74,709	86,372	98,602			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Environment

Financial Resources

Title: Conservation board fund operations, property tax receipts

	Year				Analysis of Social Change		
					Percent Change		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 58,452	$ 76,593	$ 72,462	$ 72,494	+15.6%	+7.2%	+0.05%
Total for Region Three	385,865	345,685	326,870	394,509	-10.4%	-5.5%	+20.7%
Mean County Value	42,874	38,409	36,319	43,834			
Median County Value	47,074	29,724	29,193	42,917			
Total for Iowa	4,224,509	4,110,732	4,482,706	4,760,108	-2.7%	+9.1%	+6.2%
Mean County Value	42,672	41,523	45,280	48,082			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Environment
Financial Resources

Title: Conservation board fund operations, expenses, total

	Year				Analysis of Social Change Percent Change		
Governmental Unit	1970	1971	1972	1973	1970-71	1971-72	1972-73
Carroll County	$ 78,010	$ 82,745	$ 87,684	$ 94,339	+6.1%	+6.0%	+7.6%
Total for Region Three	558,747	529,474	472,328	506,656	-5.2%	-10.8%	+7.3%
Mean County Value	62,083	58,830	52,481	56,295			
Median County Value	49,934	54,496	44,290	46,051			
Total for Iowa	4,863,341	4,890,612	5,707,664	6,296,090	+0.6%	+16.7%	+10.3%
Mean County Value	49,125	49,400	57,653	63,597			

Source: Auditor of the State of Iowa, Biennial Report of County Finances.

Area: Environment

Structure of Services

Title: Number of full-time equivalent personnel employed by local governments for sanitation and sewage disposal and treatment (local governments include county, municipal, and township governments, and school and special districts)

Governmental Unit	Year 1967	Year 1972	Analysis of Social Change: Percent Change 1967-72
Carroll County	10	5	-50.0%
Total for Region Three	91	73	-19.8%
Mean County Value	10.1	8.1	
Median County Value	6.0	5.0	
Total for Iowa	1,607	1,437	-10.6%
Mean County Value	16.2	14.5	

Source: U.S. Department of Commerce, Census of Governments.

Area: Environment

Structure of Services

Title: Number of permanent and mobile air pollution monitoring sites

Governmental Unit	Year 1972	1973	Analysis of Social Change: Percent Change 1972-73
Carroll County	0	0	%[a]
Total for Region Three	0	2	%[a]
Mean County Value	0.0	0.2	
Median County Value	0.0	0.0	
Total for Iowa	24	27	+12.5%
Mean County Value	0.2	0.3	

[a] Percent change cannot be computed.

Source: State Hygiene Laboratory, Annual Report.

Area: Environment

Utilization of Services

Data Not Located For This Factor

Area: Environment

Status of Social Well-Being

Title: Housing units provided with sewage disposal by a public sewer[c]

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	3,950 (56.5%)[a]	4,475 (62.0%)	+13.3%	+5.5%
Total for Region Three	36,372 (55.8%)	40,394 (62.3%)	+11.1%	+6.5%
Mean County Value	4,041	4,488		
Median County Value	3,685	4,028		
Total for Iowa	363,457 (40.1%)	662,320 (68.7%)	+82.2%	+26.6%
Mean County Value	3,671	6,690		

[a] Figures in parenthesis represent the number of all housing units (1960) and year-round housing units (1970) with sewage disposal by a public sewer as a percent of the total number of housing units (1960) and year-round housing units (1970), respectively.

[b] Change in proportion represents the change in the number of housing units with sewage disposal by a public sewer adjusted for change in the total housing units (1960) and year-round units (1970).

[c] Based on all housing units for 1960 and all year-round housing units for 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, Detailed Housing Characteristics, 1970.

Area: Environment
Status of Social Well-Being

Title: Housing units lacking sewage disposal through a public sewer, septic tank, or cesspool[c]

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	819 (11.7%)[a]	158 (2.2%)	-80.7%	-9.5%
Total for Region Three	7,764 (11.9%)	2,087 (3.2%)	-73.1%	-8.7%
Mean County Value	863	232		
Median County Value	739	183		
Total for Iowa	107,728 (11.9%)	34,829 (3.6%)	-67.7%	-8.3%
Mean County Value	1,088	352		

[a] Figures in parenthesis represent the number of all housing units for 1960 and year-round units for 1970, respectively, lacking sewage disposal through a public sewer, septic tank, or cesspool as a percent of the total number of housing units (1960) and total number of year-round housing units (1970).

[b] Change in proportion represents the change in the number of housing units lacking sewage disposal through a public sewer, septic tank, or cesspool adjusted for change in the total housing units (1960) and year-round housing units (1970).

[c] Based on all housing units for 1960 and all year-round housing units for 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Environment

Status of Social Well-Being

Title: Occupied rural farm housing units with septic tanks or cesspools

Governmental Unit	Year		Analysis of Social Change	
	1960	1970	Percent Change 1960-70	Change in Proportion[b] 1960-70
Carroll County	1,404 (71.7%)[a]	1,626 (93.6%)	+15.8%	+21.9%
Total for Region Three	13,311 (79.3%)	12,412 (92.5%)	-6.8%	+13.2%
Mean County Value	1,479	1,379		
Median County Value	1,427	1,384		
Total for Iowa	131,660 (73.3%)	130,378 (90.8%)	-0.9%	+17.5%
Mean County Value	1,330	1,317		

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[a] Figures in parenthesis represent the number of occupied rural farm units with septic tanks or cesspools as a percent of the total number of occupied rural farm units.

[b] Change in proportion represents the change in the number of occupied rural farm units with septic tanks or cesspools adjusted for change in the total occupied rural farm units in 1960 and 1970.

Source: U.S. Department of Commerce, Census of Housing, 1960, and Detailed Housing Characteristics, 1970.

Area: Environment

Status of Social Well-Being

Title: Occupied rural farm housing units lacking sewage disposal through a public sewer, septic tank, or cesspool

Governmental Unit	Year 1960	Year 1970	Analysis of Social Change: Percent Change 1960-70	Analysis of Social Change: Change in Proportion[b] 1960-70
Carroll County	511 (26.1%)[a]	82 (4.7%)	-84.0%	-21.4%
Total for Region Three	3,358 (20.0%)	586 (4.4%)	-82.5%	-15.6%
Mean County Value	373	65		
Median County Value	399	66		
Total for Iowa	46,609 (26.0%)	11,232 (7.8%)	-75.9%	-18.2%
Mean County Value	471	113		

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[a] Figures in parenthesis represent the number of occupied rural farm units lacking sewage disposal through a public sewer, septic tank, or cesspool as a percent of the total number of housing units for 1960 and year-round housing units for 1970.

[b] Change in proportion represents the change in the number of rural farm housing units lacking sewage disposal through a public sewer, septic tank, or cesspool adjusted for change in the total housing units (1960) and year-round housing units (1970).

Source: U.S. Department of Commerce, Census of Housing (1960), Detailed Housing Characteristics (1970).